

AMERICAN MUSEUM *Novitates*

PUBLISHED BY THE AMERICAN MUSEUM OF NATURAL HISTORY
CENTRAL PARK WEST AT 79TH STREET, NEW YORK, N.Y. 10024
Number 3106, 44 pp. November 7, 1994

Catalog of Recent Type Specimens in the Department of Invertebrates, American Museum of Natural History. I. Micro-Invertebrates (Phyla Sarcomastigophora, Gnathostomula, Gastrotricha, Rotifera, and Tardigrada)

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ABSTRACT

A complete, annotated listing of all type specimens of "micro-invertebrates" in the collection of the Department of Invertebrates at the American Museum of Natural History (as of December 1993)

is given. For types other than holotypes, the number of specimens in each lot is noted. A total of 496 type lots from the five phyla are listed. An index of species is included for each phylum.

INTRODUCTION

The Department of Invertebrates of the American Museum of Natural History currently houses a collection of over 350,000 cataloged lots divided among three major categories: fossil (45,000 lots), Recent mollusks (275,000 lots), and other Recent phyla (30,000 lots). All of the types are housed sep-

arately from the main body of the collection. This allows for a greater level of security than can be maintained in a large, general collection area as per ICZN Recommendation 72 (ICZN, 1985: 147).

This catalog is the first in a planned series of comprehensive listings of all the type ma-

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terial in the department's collection. Included are all holotype, paratype, and syntype specimens from the five "micro-invertebrate" phyla for which we have type material: Sarcomastigophora (135 species), Gnathostomula (18 species), Gastrotricha (11 species), Rotifera (235 species), and Tardigrada (4 species). A total of 80 holotypes, 259 paratype lots, and 158 syntype lots are listed in this publication.

The collection is organized by phylum and "superphylum." Each division is given a separate series of catalog numbers. Of the five phyla considered here, each has its own number sequence except for the Sarcomastigophora, which was originally considered part of the series for the "superphylum" Protozoa, for which we have no other type specimens. As a result of this system of numbering, a tardigrade may have the same catalog number as a gnathostomulid, but the numbers cannot be confused because of the taxonomic distinction between phyla.

The value of a published catalog is apparent when the number of type specimens that have been transferred to this institution from other sources is considered. Very often no published record of these transfers is ever made. In the case of several species, types were published as having been deposited at the American Museum, but subsequent investigation indicated that the specimens never arrived here. Additionally, each potential type lot was compared to the original description in order to verify type status, confirm locality and collection data, and remove any specimens from the type collection that may not be types. The publication of this catalog fulfills ICZN Recommendation 72G(4) which states that all museums holding type specimens have the responsibility of making a published catalog of these types available to the scientific community (ICZN, 1985: 147).

This catalog is arranged by phylum and class, based primarily on Parker, 1982. Within the class designations, the types are listed in alphabetical order by genus and species.

An index is provided, which gives a species-level list within each phylum. The genus and species names are listed as they appeared in the original description. With few exceptions, information as to current generic placement or synonymy is not included, as that determination would generally be more appropriate to a complete taxonomic overview or revision.

Each type listing contains four to six categories of data. Within each genus, species names are followed by authorship data (author, year description was published, and page and figure numbers). The next category indicates the specific kind of type(s) in the collection, as well as AMNH catalog number(s), and, if not a holotype, the number of specimens that are in this lot. The locality category contains all pertinent collection data, including county names for U.S. locations where that can be determined. The collector category indicates the collector of the specimens and the date they were collected, if those data are known. The remarks category is only included when there is pertinent information available (i.e., location of holotype or other paratypes or syntypes, discrepancies in locality data, etc.). The host category is only included when the type in question is a parasite of another species.

Institutional Abbreviations

AMNH	American Museum of Natural History
ANSP	Academy of Natural Sciences of Philadelphia, Pennsylvania
BM(NH)	British Museum (Natural History) (now The Natural History Museum), London
PMNH	Peabody Museum of Natural History (now YPM)
UC Davis	University of California at Davis, Davis, California
USNM	United States National Museum (now National Museum of Natural History, NMNH, Washington, D.C.)
YPM	Yale Peabody Museum, New Haven, Connecticut

ACKNOWLEDGMENTS

I would like to thank Walter E. Sage III, Senior Scientific Assistant in the Department

of Invertebrates at the American Museum for his critical comments and suggestions. Ad-

ditional thanks to Dr. William K. Emerson and Dr. Neil Landman (AMNH), as well as Dr. Linda Cole (USNM) for reviewing the manuscript. Thanks also to Dr. Thomas No-grady (Queen's University, Canada) for re-viewing the rotifer section and providing in-formation on synonymies.

PHYLUM SARCOMASTIGOPHORA

SUBPHYLUM OPALINATA

CLASS OPALINATEA

Cepedea acuta Delvinquier, Markus, and Passmore, 1993: 59, 67, figs. 1, 5–12.

Paratypes: AMNH 752.2, 761, 762 (each sev-eral specimens).

Host: *Tomopterna cryptosis* (Amphibia).

Locality: Tweefontein Pan, Pietersburg Dis-trict (AMNH 752.2) and Mosdene Nature Preserve, Neboomspruit District (AMNH 762), Transvaal, South Africa. Siphiso (Nkumbane) River, Mlawula Nature Pre-serve, Eastern District, Swaziland (AMNH 761).

Collector: B. L. J. Delvinquier, Dec. 1988 (AMNH 752.2), Jan. 1989 (AMNH 761), Feb. 1989 (AMNH 762).

Remarks: Holotype is BM(NH) 1989.12.4.27 (Delvinquier et al., 1993: 59).

Cepedea baudinii Metcalf, 1923: 154–155, fig. 120.

Paratypes: AMNH 546 (several specimens). Host: *Hyla baudinii* (Amphibia), USNM 30410.

Locality: Cordova, Vera Cruz, Mexico.

Collector: F. Sumichrast.

Remarks: Holotype is USNM 16525 (Met-calf, 1923: 154).

Cepedea borneonensis Metcalf, 1923: 159, fig. 126.

Paratypes: AMNH 547 (several specimens). Host: *Bufo jerboa* (Amphibia), USNM 33880. Locality: Western Borneo, Indonesia.

Collector: F. Sumichrast.

Remarks: Holotype is USNM 16517 (Met-calf, 1923: 159).

Cepedea buergeri Metcalf, 1923: 145–146, fig. 110.

Paratypes: AMNH 548 (several specimens). Host: *Polypedates buergeri* (Amphibia), USNM 23904.

Locality: Hondo, Iga, Japan.

Collector: I. Ijima.

Remarks: Holotype is USNM 16582 (Met-calf, 1923: 145).

Cepedea buergeri sinensis Metcalf, 1923: 146–147, fig. 111.

Paratypes: AMNH 549 (several specimens).

Host: *Bufo gargarizans* (Amphibia), USNM 46490.

Locality: Hong Kong, China.

Collector: P. J. Jouy, 1883.

Remarks: Holotype is USNM 16589 (Met-calf, 1923: 146).

Cepedea cantabrigensis Metcalf, 1923: 162–164, fig. 132.

Paratypes: AMNH 550 (several specimens).

Host: *Rana cantabrigensis* (Amphibia), USNM 15488.

Locality: Fort Cosmos, Alaska, USA.

Collector: Stoney.

Remarks: Holotype is USNM 16552 (Met-calf, 1923: 162).

Cepedea dimidiata hawaiiensis Metcalf, 1923: 143–144, fig. 108.

Paratypes: AMNH 553 (several specimens).

Host: *Rana catesbeiana* (Amphibia).

Locality: Hawaii, USA.

Collector: M. M. Metcalf, May 30, 1913.

Remarks: Holotype is USNM 16512 (Met-calf, 1923: 143).

Cepedea dimidiata orientalis Metcalf, 1923: 141–142, fig. 106.

Paratypes: AMNH 554 (several specimens).

Host: *Rana nigromaculata* (Amphibia), USNM 23579.

Locality: Yokohama, Japan.

Collector: L. Stejneger, Sept. 1896.

Remarks: Holotype is USNM 16511 (Met-calf, 1923: 141).

Cepedea dimidiata paraguensis Metcalf, 1923: 142–143, fig. 107.

Syntypes: AMNH 555 (several specimens).

Host: *Hyla nassica* (Amphibia), USNM 6226.

Locality: Paraguay.

Collector: Capt. Page.

Remarks: Described as “new subspecies (?),” but subspecies given a diagnosis with noted differences in host specificity from other subspecies. AMNH 555 slide marked para-type, but no holotype designated in pub-

lication. A specimen was deposited as USNM 16526 (Metcalf, 1923: 142), which may be the "type," based on Metcalf's writing on the slide, but further study is necessary.

Cepedea floridensis Metcalf, 1923: 158–159, fig. 125.

Paratypes: AMNH 556 (several specimens). Host: *Scaphiopus albus* (Amphibia), USNM 52403.

Locality: Key West, Monroe Co., Florida, USA.

Collector: A. Garman.

Remarks: Holotype is USNM 16518 (Metcalf, 1923: 158).

Cepedea globosa Metcalf, 1923: 153–154, fig. 119.

Paratypes: AMNH 557 (several specimens). Host: *Phyllomedusa lemur* (Amphibia), USNM 29935.

Locality: Turialba, Costa Rica.

Collector: Burgdorf and Schild.

Remarks: Holotype is USNM 16524 (Metcalf, 1923: 153).

Cepedea hispanica Metcalf, 1923: 161–162, fig. 130.

Paratypes: AMNH 558 (several specimens). Host: *Rana esculenta hispanica* (Amphibia), USNM 38481.

Locality: Alicante Province, Spain.

Collector: Thomas and Miller, Jan. 25, 1907.

Remarks: Holotype is USNM 16510 (Metcalf, 1923: 161).

Cepedea magna Metcalf, 1923: 150–151, fig. 117.

Paratypes: AMNH 560 (several specimens). Host: *Bufo latifrons* (Amphibia), USNM 48855.

Locality: Cameroon.

Collector: T. Barbour.

Remarks: Holotype is USNM 16515 (Metcalf, 1923: 150).

Cepedea mexicana Metcalf, 1923: 160, fig. 128.

Paratypes: AMNH 561 (several specimens). Host: *Rana pipiens* (Amphibia), USNM 3295.

Locality: Charco Escondido, Matamoros, Tamaulipas, Mexico.

Collector: Couch, March 1853.

Remarks: Holotype is USNM 16502 (Metcalf, 1923: 160).

Cepedea minor Metcalf, 1923: 147–148, fig. 112.

Paratypes: AMNH 562 (several specimens). Host: *Alytes obstetricans* (Amphibia), USNM 37194.

Locality: France.

Collector: Unknown.

Remarks: Holotype is USNM 16583 (Metcalf, 1923: 147).

Cepedea multiformis Metcalf, 1923: 164–165, fig. 133.

Paratypes: AMNH 563 (several specimens). Host: *Hyla albomarginata* (Amphibia), USNM 48856.

Locality: Bonito, Brazil.

Collector: Branner.

Remarks: Holotype is USNM 16527 (Metcalf, 1923: 164).

Cepedea obovoidea Metcalf, 1923: 151, fig. 118.

Paratypes: AMNH 565.1 (several specimens).

Host: *Bufo lentiginosus* (Amphibia), USNM 48779.

Locality: Auburndale, Polk Co., Florida, USA.

Collector: N. R. Wood, March 1912.

Remarks: Holotype is USNM 16516 (Metcalf, 1923: 151). Handwritten notations by the author in the margin of the AMNH copy of Metcalf, 1923, indicate that the host is *B. americanus* and that the type locality is not Florida.

Cepedea phrynomantidis Metcalf, 1923: 148–149, fig. 113.

Paratypes: AMNH 566 (several specimens). Host: *Phrynomantis bifasciata* (Amphibia), USNM 20115.

Locality: Tana, Kenya.

Collector: W. A. Chandler, Nov. 1892.

Remarks: Holotype is USNM 16513 (Metcalf, 1923: 148).

Cepedea pulchra Metcalf, 1923: 155, fig. 121.

Paratypes: AMNH 567 (several specimens). Host: *Kaloula pulchra* (Amphibia), USNM 10967.

Locality: Cochin, China.

Collector: Museum of Natural History, Paris.

Remarks: Holotype is USNM 16504 (Metcalf, 1923: 155).

Cepedea pulchra japonica Metcalf, 1923: 156, fig. 122.

Paratypes: AMNH 568 (several specimens).
Host: *Rana rugosa* (Amphibia), USNM 31802.

Locality: Nara, Yamoto, Japan.

Collector: H. M. Smith.

Remarks: Holotype is USNM 16503 (Metcalf, 1923: 156).

Cepedea pulchra javensis Metcalf, 1923: 156–157, fig. 123.

Paratypes: AMNH 569 (several specimens).
Host: *Bufo melanostictus* (Amphibia), USNM 43944.

Locality: Buitenzorg, Java, Indonesia.

Collector: Bryant Javan Expedition, March 20, 1909.

Remarks: Holotype is USNM 16623 (Metcalf, 1923: 156).

Cepedea saharana Metcalf, 1923: 144–145, fig. 109.

Paratypes: AMNH 570 (several specimens).
Host: *Rana esculenta ridibunda* (Amphibia), USNM 49840.

Locality: Biskra, Algeria.

Collector: D. D. Streeter, Jr., May 26, 1912.

Remarks: Holotype is USNM 16620 (Metcalf, 1923: 144).

Cepedea segmentata Metcalf, 1923: 171–173, fig. 140.

Paratypes: AMNH 571 (several specimens).
Host: *Polypedates leucomystax* (Amphibia).
Locality: Cochin, China.

Collector: L. Karscher.

Remarks: Holotype is USNM 16521 (Metcalf, 1923: 171).

Cepedea seychellensis Metcalf, 1923: 167–168, fig. 135.

Paratypes: AMNH 572 (several specimens).
Host: *Megalixalus seychellensis* (Amphibia), USNM 20415.

Locality: Ile Mahe, Seychelles Islands, Indian Ocean.

Collector: W. L. Abbott, 1892.

Remarks: Holotype is USNM 16531 (Metcalf, 1923: 167).

Cepedea vanniekerkae Delvinquier, Markus, and Passmore, 1993: 70, 75, figs. 3, 27, 28.

Paratypes: AMNH 754.2 (several specimens).

Host: *Tomopterna cryptosis* (Amphibia).

Locality: Lilyvale, Bloemfontein District, Orange Free State, South Africa.

Locality: B. L. J. Delvinquier, Feb. 1989.

Remarks: Holotype is BM(NH) 1989.12.4.17 (Delvinquier et al., 1993: 70).

Opalina antilliensis Metcalf, 1914: 539–541, figs. 1–4, 10–13.

Syntypes: AMNH 509 (several specimens).

Host: *Bufo agua* (Amphibia).

Locality: Jamaica.

Collector: M. M. Metcalf.

Opalina asiatica Metcalf, 1923: 242, fig. 218.

Paratypes: AMNH 573 (several specimens).

Host: *Bufo bufo asiaticus* (Amphibia), USNM 46617.

Locality: Shanghai, China.

Collector: D. C. Jansen, May 26, 1911.

Remarks: Holotype is USNM 16608 (Metcalf, 1923: 242).

Opalina camerunensis Metcalf, 1923: 237–238, fig. 212.

Paratypes: AMNH 574 (several specimens).
Host: *Hylambates rufus* (Amphibia), USNM 48850.

Locality: Cameroon.

Collector: T. Barbour (?).

Remarks: Holotype is USNM 16601 (Metcalf, 1923: 237).

Opalina carolinensis Metcalf, 1923: 196–197, fig. 165.

Paratypes: AMNH 575 (several specimens).
Host: *Rana pipiens spheocephala* (Amphibia), USNM 29003.

Locality: Kissimee Prairie, Florida, USA.

Collector: E. A. Means, April 22, 1901.

Remarks: Holotype is USNM 16557 (Metcalf, 1923: 196).

Opalina chorophili Metcalf, 1923: 213–216, figs. 184–187.

Paratypes: AMNH 576, 577, 578, 579 (each several specimens).

Host: *Chorophilus triseratus* (Amphibia) (AMNH 576), *C. feriarum* (AMNH 577), *C. occidentalis* (AMNH 578), and *C. ornatus*, USNM 15566 (AMNH 579).

Locality: Raleigh, Wake Co., North Carolina (AMNH 576 and 577), Hastings, Flagler

- Co., Florida (AMNH 578) and Cook Co., Texas (AMNH 579), USA.
Collector: H. H. and C. S. Brimley, March 6, 1907 (AMNH 576), April 1915 (AMNH 577), and June 1909 (AMNH 578). G. H. Roysdale (AMNH 579).
Remarks: Holotype is USNM 16569 (Metcalf, 1923: 213). AMNH 578 cannot be located in the collection.
- Opalina copei* Metcalf, 1923: 209–211, figs. 180, 181.
Paratypes: AMNH 580, 581 (each several specimens).
Host: *Rana copei* (Amphibia), USNM 30654 (AMNH 580) and *R. pretiosa*, USNM 17588 (AMNH 581).
Locality: Pico Blanco, Costa Rica (AMNH 580) and Elliston, Montana, USA (AMNH 581).
Collector: W. M. Gabb (AMNH 580) and B. W. Evermann, July 21, 1891 (AMNH 581).
Remarks: Holotype is USNM 16586 (Metcalf, 1923: 209).
- Opalina discophrya* Metcalf, 1923: 199–200, figs. 168, 169.
Paratypes: AMNH 582, 583 (each several specimens).
Host: *Bufo cognatus* (Amphibia), USNM 37969 (AMNH 582) and *B. copei*, USNM 5388 (AMNH 583).
Locality: Albuquerque, Bernalillo Co., New Mexico, USA (AMNH 582) and East Hudson's Bay, Canada (AMNH 583).
Collector: J. Hurter, June 1, 1907 (AMNH 582) and C. Drexler (AMNH 583).
Remarks: Holotype is USNM 16585 (Metcalf, 1923: 199).
- Opalina draytonii* Metcalf, 1923: 235–236, fig. 210.
Paratypes: AMNH 584 (several specimens).
Host: *Rana draytonii* (Amphibia).
Locality: California (?), USA.
Collector: Unknown.
Remarks: Holotype is USNM 16600 (Metcalf, 1923: 235).
- Opalina duquesnei* Delvinquier, Markus, and Passmore, 1991a: 133–134, figs. 2, 9–15.
Paratypes: AMNH 746, 747.1 (each several specimens).
Host: *Chiromantis xerampelina* (Amphibia).
Locality: Near Mzimneni River crossing, Northern District, Swaziland.
Collector: B. L. J. Delvinquier, Jan. 1989.
Remarks: Holotype is BM(NH) 1989.12.4.1 (Delvinquier et al., 1991a: 133).
- Opalina gigantea* Metcalf, 1923: 242, fig. 217.
Paratypes: AMNH 585 (several specimens).
Host: *Bufo compactilis* (Amphibia), USNM 26460.
Locality: Texas, USA.
Collector: Unknown.
Remarks: Holotype is USNM 16605 (Metcalf, 1923: 242).
- Opalina helenae* Metcalf, 1923: 216–217, fig. 188.
Paratypes: AMNH 587 (several specimens).
Host: *Agalychnis helenae* (Amphibia), USNM 29959.
Locality: San Carlos, Costa Rica.
Collector: Burgdorf and Schild.
Remarks: Holotype is USNM 16576 (Metcalf, 1923: 216).
- Opalina helenae phyllomedusae* Metcalf, 1923: 217, fig. 189.
Paratypes: AMNH 588 (several specimens).
Host: *Phyllomedusa decnicolor* (Amphibia), USNM 6037.
Locality: Mexico.
Collector: Bischoff.
Remarks: Holotype is USNM 16578 (Metcalf, 1923: 217).
- Opalina hylaxena* Metcalf, 1923: 218–219, fig. 191.
Paratypes: AMNH 589 (several specimens).
Host: *Hyla versicolor* (Amphibia).
Locality: Leland, Leelanau Co., Michigan, USA.
Collector: M. M. Metcalf, June 18, 1917.
Remarks: Holotype is USNM 16573 (Metcalf, 1923: 218).
- Opalina hylaxena* form *georgiana* Metcalf, 1923: 220, fig. 194.
Paratypes: AMNH 590 (several specimens).
Host: *Hyla versicolor* (Amphibia), USNM 44550.
Locality: Tate, Pickens Co., Georgia, USA.
Collector: Howell, July 4, 1908.
Remarks: Holotype is USNM 16574 (Metcalf, 1923: 220).

- Opalina hylaxena* form *orbiculata* Metcalf, 1923: 219, fig. 192.
Paratypes: AMNH 591 (several specimens).
Host: *Hyla versicolor* (Amphibia).
Locality: Woods Hole, Barnstable Co., Massachusetts, USA.
Collector: E. C. Just, July 21, 1919.
Remarks: Holotype is USNM 16575 (Metcalf, 1923: 219).
- Opalina japonica* Metcalf, 1923: 232–233, fig. 206.
Paratypes: AMNH 592 (several specimens).
Host: *Rana japonica* (Amphibia), USNM 31907.
Locality: Kochi, Shikoku, Japan.
Collector: H. M. Smith, May 11, ?.
Remarks: Holotype is USNM 16599 (Metcalf, 1923: 232). The *O. japonica* of Metcalf, 1923 is identical to the *O. japonica* of Sugiyama, 1920 (Metcalf, 1924: 64).
- Opalina kennicotti* Metcalf, 1923: 208–209, fig. 178.
Paratypes: AMNH 594 (several specimens).
Host: *Rana areolata* (Amphibia), USNM 9386.
Locality: Illinois, USA.
Collector: R. Kennicott.
Remarks: Holotype is USNM 16551 (Metcalf, 1923: 208).
- Opalina moreletei* Metcalf, 1923: 217, fig. 190.
Paratypes: AMNH 595 (several specimens).
Host: *Agalychnis moreletei* (Amphibia), USNM 24827.
Locality: Guatemala.
Collector: H. Hogue.
Remarks: Holotype is USNM 16577 (Metcalf, 1923: 217).
- Opalina natalensis* Metcalf, 1923: 234, fig. 208.
Paratypes: AMNH 596 (several specimens).
Host: *Phrynobatrachus natalensis* (Amphibia), USNM 39477.
Locality: Bahr-el-Gebel, Sudan.
Collector: F. Werner, March 1905.
Remarks: Holotype is USNM 16588 (Metcalf, 1923: 234).
- Opalina oblanceolata* Metcalf, 1923: 221–222, fig. 196.
Paratypes: AMNH 597 (several specimens).
Host: *Scaphiopus hammondii* (Amphibia), USNM 52144.
Locality: Springerville, Apache Co., Arizona, USA.
Collector: J. S. Ligon, Aug. 1914.
Remarks: Holotype is USNM 16580 (Metcalf, 1923: 221).
- Opalina obtrigonoidea* Metcalf, 1923: 177–185, figs. 143–153.
Paratypes: AMNH 601, 602, 603, 604, 605, 606, 607, 608, 609 (each several specimens).
Host: *Bufo fowleri* (Amphibia) (AMNH 601), *Scaphiopus solitarius* (Amphibia) (AMNH 602), *B. punctatus*, USNM 26159 (AMNH 603), *Hyla femoralis* (Amphibia), USNM 5908 (AMNH 604), *H. arenicolor*, USNM 19726 (AMNH 605), *H. pickeringii*, USNM 3604 (AMNH 606), *Gastrophryne carolinense* (Amphibia), USNM 48894 (AMNH 607), *Rana palustris* (Amphibia) (AMNH 608 and 609).
Locality: Woods Hole, Barnstable Co., Massachusetts (AMNH 601, 608, 609), Raleigh, Wake Co., North Carolina (AMNH 602), Riceboro, Liberty Co., Georgia (AMNH 604), Fort Huachuca, Cochise Co., Arizona (AMNH 605), Aux Plains River, Illinois (AMNH 606), Charlesburg, Virginia (AMNH 607), USA. Guanajuato, Mexico (AMNH 603).
Collector: M. M. Metcalf (AMNH 608), July 12, 1919 (AMNH 609), July 28, 1919 (AMNH 601). H. H. and C. S. Brimley, Sept. 25, 1908 (AMNH 602). A. Dugés (AMNH 603). Le Conte, May–June ? (AMNH 604). T. E. Wilcox, 1892 (AMNH 605). R. Kiennicott (AMNH 606). F. P. Drowne, July 22, 1910 (AMNH 607).
Remarks: Holotype is USNM 16536 (Metcalf, 1923: 177).
- Opalina obtrigonoidea americana* Metcalf, 1923: 185–187, fig. 155.
Paratypes: AMNH 611 (several specimens).
Host: *Bufo americanus* (Amphibia).
Locality: Oberlin, Lorain Co., Ohio, USA.
Collector: M. M. Metcalf, April 27, 1911.
Remarks: Holotype is USNM 16537 (Metcalf, 1923: 185).
- Opalina obtrigonoidea americana* form *rugosa* Metcalf, 1923: 187–188, fig. 156.

Paratypes: AMNH 612 (several specimens).
Host: *Bufo americanus* (Amphibia).

Locality: Raleigh, Wake Co., North Carolina, USA.

Collector: H. H. and C. S. Brimley, April 14, 1915.

Remarks: Holotype is USNM 16584 (Metcalf, 1923: 187).

Opalina obtrigonoidea austriicola Metcalf, 1923: 193–195, fig. 163.

Paratypes: AMNH 613, 614 (each several specimens).

Host: *Rana pipiens austriicola* (Amphibia), USNM 6506 (AMNH 613) and USNM 30554 (AMNH 614).

Locality: Tabasco, Mexico (AMNH 613) and Pico Blanco, Costa Rica (AMNH 614).

Collector: Dr. Berendt, March 1864 (AMNH 613) and W. M. Gabb (AMNH 614).

Remarks: Holotype is USNM 16590 (Metcalf, 1923: 193).

Opalina obtrigonoidea lata Metcalf, 1923: 190–192, figs. 160, 161.

Paratypes: AMNH 615, 616 (each several specimens).

Host: *Rana aesopus* (Amphibia), USNM 21703 (AMNH 615) and *R. aurora*, USNM 39871 (AMNH 616).

Locality: Crescent City, Putnam Co., Florida (AMNH 615) and Crater Lake, Klamath Co., Oregon (AMNH 616), USA.

Collector: H. C. Hubbard, June 20, 1894 (AMNH 615) and Evermann and Cox, Aug. 21, 1896 (AMNH 616).

Remarks: Holotype is USNM 16563 (Metcalf, 1923: 190).

Opalina obtrigonoidea maxima Metcalf, 1923: 188–190, figs. 157–159.

Paratypes: AMNH 617, 618 (each several specimens).

Host: *Bufo boreas* (Amphibia), USNM 50915 (AMNH 617) and *B. halophilus* (AMNH 618).

Locality: Haines, Alaska (AMNH 617) and San Francisco, San Mateo Co., California (AMNH 618), USA.

Collector: E. P. Walker, Aug. 16, 1913 (AMNH 617) and M. M. Metcalf, May 30, 1913 (AMNH 618).

Remarks: Holotype is USNM 16538 (Metcalf, 1923: 188).

Opalina obtrigonoidea orbiculata Metcalf, 1923: 192–193, fig. 162.

Paratypes: AMNH 619 (several specimens).
Host: *Hyla cinerea* (Amphibia), USNM 12005.

Locality: Georgiana, Florida, USA.

Collector: W. Whitfield.

Remarks: Holotype is USNM 16565 (Metcalf, 1923: 192).

Opalina obtrigonoidea form plicata Metcalf, 1923: 185, fig. 154.

Paratypes: AMNH 610 (several specimens).

Host: *Rana palustris* (Amphibia).

Locality: Woods Hole, Barnstable Co., Massachusetts, USA.

Collector: M. M. Metcalf, July 17, 1919.

Remarks: Holotype is USNM 16562 (Metcalf, 1923: 185).

Opalina oregonensis Metcalf, 1923: 208, fig. 177.

Paratypes: AMNH 620 (several specimens).

Host: *Hyla regilla* (Amphibia), USNM 51905.

Locality: Three Sisters, Oregon, USA.

Collector: V. Bailey, July 17, 1914.

Remarks: Holotype is USNM 16548 (Metcalf, 1923: 208).

Opalina panamensis Metcalf, 1923: 236–237, fig. 211.

Paratypes: AMNH 621 (several specimens).

Host: *Bufo typhonius* (Amphibia), USNM 25176.

Locality: Bahia Solada, Panama.

Collector: J. F. Bransford.

Remarks: Holotype is USNM 16606 (Metcalf, 1923: 236).

Opalina raddei Metcalf, 1923: 240–241, fig. 216.

Paratypes: AMNH 622 (several specimens).

Host: *Bufo raddei* (Amphibia), USNM 53387.

Locality: Hei Sui, northeastern Chili, China.

Collector: A. de C. Sowerby.

Remarks: Holotype is USNM 16604 (Metcalf, 1923: 240).

Opalina ranarum form arvalis Metcalf, 1923: 230, fig. 203.

Paratypes: AMNH 625 (several specimens).

Host: *Rana arvalis* (Amphibia), USNM 37177.

Locality: “Lower” Australia.

Collector: F. Werner, Sept. 1885.

Remarks: Holotype is USNM 16598 (Metcalf, 1923: 230).

Opalina ranarum form *cincoidea* Metcalf, 1923: 227–228, figs. 200, 201.

Paratypes: AMNH 626 (several specimens).

Host: *Rana temporaria* (Amphibia).

Locality: Wurzburg, Bavaria, Germany (locality uncertain).

Collector: Purchased from locality, Jan. 14, 1908.

Remarks: Holotype is USNM 16595 (Metcalf, 1923: 227).

Opalina ranarum form *lata* Metcalf, 1923: 230–231, fig. 204.

Paratypes: AMNH 627 (several specimens).

Host: *Bufo viridis* (Amphibia).

Locality: Naples, Italy.

Collector: M. M. Metcalf, April 21, 1907.

Remarks: Holotype is USNM 16603 (Metcalf, 1923: 230).

Opalina ranarum form *parvipalmatae* Metcalf, 1923: 228–229, fig. 202.

Paratypes: AMNH 628 (several specimens).

Host: *Rana temporaria parvipalmata* (Amphibia), USNM 38485.

Locality: Ariège, France.

Collector: Thomas and Miller, 1906.

Remarks: Holotype is USNM 16596 (Metcalf, 1923: 228).

Opalina ranarum smithi Metcalf, 1923: 231–232, fig. 205.

Paratypes: AMNH 630 (several specimens).

Host: *Bufo smithi* (Amphibia), USNM 31947.

Locality: Kochi, Japan.

Collector: H. M. Smith, May 1903.

Remarks: Holotype is USNM 16607 (Metcalf, 1923: 231).

Opalina ranarum form *truncata* Metcalf, 1923: 224–226, fig. 199.

Paratypes: AMNH 629 (several specimens).

Host: *Rana temporaria* (Amphibia).

Locality: Wurzburg, Bavaria, Germany.

Collector: M. M. Metcalf, Fall 1906.

Remarks: Holotype is USNM 16594 (Metcalf, 1923: 224).

Opalina spiralis Metcalf, 1923: 212–213, fig. 183.

Paratypes: AMNH 633 (several specimens).

Host: *Bufo compactilis* (Amphibia), USNM 4964.

Locality: Pecos River, Texas, USA.

Collector: Capt. Page.

Remarks: Holotype is USNM 16616 (Metcalf, 1923: 212).

Opalina terrae-mariae Metcalf, 1923: 209, fig. 179.

Paratypes: AMNH 634 (several specimens).

Host: *Hyla evittata* (Amphibia), USNM 32106.

Locality: Easton, Talbot Co., Maryland, USA.

Collector: H. L. Clark, Sept. 8, 1903.

Remarks: Holotype is USNM 16568 (Metcalf, 1923: 209).

Opalina triangulata Metcalf, 1923: 211, fig. 182.

Paratypes: AMNH 565.2 (several specimens).

Host: *Bufo lentiginosus* (Amphibia), USNM 48779.

Locality: Auburndale, Polk Co., Florida, USA.

Collector: N. R. Wood, March 1912.

Remarks: Holotype is USNM 16610 (Metcalf, 1923: 211). Handwritten notations by the author in the margin of the AMNH copy of Metcalf, 1923, indicate that the host is *B. americanus* and that the type locality is not Florida.

Opalina virguloidea Metcalf, 1923: 203–206, figs. 172–175.

Paratypes: AMNH 635, 636, 637, 638 (each several specimens).

Host: *Hyla eximia* (Amphibia), USNM 14601 (AMNH 635), *Rana boylei* (Amphibia) (AMNH 636), *H. regilla*, USNM 52321 (AMNH 637), and *R. sylvatica* (AMNH 638).

Locality: Mexico (AMNH 635). San Francisco, San Mateo Co. (AMNH 636), Los Angeles Co. (AMNH 637), California, and Oberlin, Lorain Co., Ohio (AMNH 638), USA.

Collector: A. Dugés, Sept. 1, ? (AMNH 635), purchased, April 3, 1913 (AMNH 636), E. J. Brown (AMNH 637), and M. M. Metcalf, April 30, 1915 (AMNH 638).

Remarks: Holotype is USNM 16546 (Metcalf, 1923: 203).

Opalina virguloidea magninucleata Metcalf, 1923: 206–207, fig. 176.

Paratypes: AMNH 639 (several specimens).

Host: *Acris gryllus* (Amphibia).

Locality: North Carolina, USA.

Collector: H. H. and C. S. Brimley, April 1915.

Remarks: Holotype is USNM 16549 (Metcalf, 1923: 206).

Opalina woodhousi Metcalf, 1923: 198–199, fig. 167.

Paratypes: AMNH 640 (several specimens).

Host: *Bufo woodhousi* (Amphibia), USNM 36364.

Locality: Utah, USA.

Collector: Unknown, June 26, 1905.

Remarks: Holotype is USNM 16539 (Metcalf, 1923: 198).

Protoopalina adelaidensis Metcalf, 1923: 53–54, fig. 29.

Paratypes: AMNH 478 (several specimens).

Host: *Hyla adelaidensis* (Amphibia), USNM 59951.

Locality: Margaret River, Western Australia, Australia.

Collector: Unknown.

Remarks: Holotype is USNM 16624 (Metcalf, 1923: 53).

Protoopalina africana Metcalf, 1923: 60, fig. 35.

Paratypes: AMNH 479 (several specimens).

Host: *Rana crassipes* (Amphibia), USNM 48852.

Locality: Kribi, Cameroon.

Collector: Unknown.

Remarks: Holotype is USNM 16447 (Metcalf, 1923: 60).

Protoopalina australis Metcalf, 1923: 68–69, fig. 40.

Paratypes: AMNH 480 (several specimens).

Host: *Hyla aurea* (Amphibia), USNM 15478.

Locality: Wollongong, Illawara, New South Wales, Australia.

Collector: U.S. Exploring Expedition, Jan. 1840.

Remarks: Holotype is USNM 16619 (Metcalf, 1923: 68).

Protoopalina axonucleata Metcalf, 1923: 82–84, fig. 52.

Paratypes: AMNH 481 (several specimens).

Host: *Bufo bufo asiaticus* (Amphibia), USNM 21215.

Locality: Seoul, Korea.

Collector: P. L. Jouy, Aug. 1883.

Remarks: Holotype is USNM 16458 (Metcalf, 1923: 82).

Protoopalina caudata discoglossi Metcalf, 1923: 43–44, fig. 21.

Paratypes: AMNH 483 (several specimens).

Host: *Discoglossus pictus* (Amphibia), USNM 10052.

Locality: Sardinia, Italy.

Collector: Unknown.

Remarks: Holotype is USNM 16438 (Metcalf, 1923: 43).

Protoopalina caudata form lata Metcalf, 1923: 41, fig. 17.

Paratypes: AMNH 482 (several specimens).

Host: *Bombina pachypa* (Amphibia).

Locality: Hungary.

Collector: Unknown, June 1907.

Remarks: Holotype is USNM 16430 (Metcalf, 1923: 41).

Protoopalina diplocarya Metcalf, 1923: 33–34, fig. 11.

Paratypes: AMNH 484 (several specimens).

Host: *Eleutherodactylus leptopus* (Amphibia), USNM 15125.

Locality: Mayne Harbor, Patagonia, Argentina.

Collector: Unknown, Feb. 5, 1877.

Remarks: Holotype is USNM 16428 (Metcalf, 1923: 33).

Protoopalina filiformis Metcalf, 1923: 56–58, fig. 32.

Paratypes: AMNH 485 (several specimens).

Host: *Rana tigerina* (Amphibia), USNM 38219.

Locality: Billiton Island, near Sumatra, Indonesia.

Collector: W. L. Abbott, Aug. 8, 1904.

Remarks: Holotype is USNM 16444 (Metcalf, 1923: 56).

Protoopalina formosae Metcalf, 1923: 80–81, fig. 50.

Paratypes: AMNH 486 (several specimens).

Host: *Bufo melanostictus* (Amphibia), USNM 38206.

Locality: Formosa (Taiwan).

Collector: H. Sauter, June 5, 1907.

Remarks: Holotype is USNM 16456 (Metcalf, 1923: 80).

Protoopalina hammondii Metcalf, 1923: 76–77, fig. 47.

Paratypes: AMNH 487 (several specimens).

Host: *Scaphiopus hammondii* (Amphibia), USNM 9915.

Locality: Guanajuato, Mexico.

Collector: A. Dugés, 1877.

Remarks: Holotype is USNM 16453 (Metcalf, 1923: 76).

Protoopalina jonesi Delvinquier, 1987: 98, fig. 9.

Syntypes: AMNH 715.2, 718.2 (each several specimens).

Host: *Litoria peronii* (Amphibia).

Locality: Kenilworth, Queensland (AMNH 715.2) and Asquith, New South Wales (AMNH 718.2), Australia.

Collector: B. L. J. Delvinquier, Feb. 1985 (AMNH 715.2) and Oct. 1985 (AMNH 718.2).

Protoopalina longinucleata Metcalf, 1923: 72–73, fig. 43.

Paratypes: AMNH 489 (several specimens).

Host: *Telmatobius jelskii* (Amphibia), USNM 33864.

Locality: Guamate, Ecuador.

Collector: Unknown, Oct. 10, 1903.

Remarks: Holotype is USNM 16449 (Metcalf, 1923: 72).

Protoopalina macrocaudata Metcalf, 1923: 49–50, fig. 25.

Paratypes: AMNH 490 (several specimens).

Host: *Bombina orientalis* (Amphibia), USNM 17529.

Locality: Fusan, Korea.

Collector: P. L. Jouy, 1885.

Remarks: Holotype is USNM 16439 (Metcalf, 1923: 49).

Protoopalina mexicana Metcalf, 1923: 80, fig. 49.

Paratypes: AMNH 491 (several specimens).

Host: *Scaphiopus multiplicatus* (Amphibia), USNM 14599.

Locality: Mexico.

Collector: A. Dugés, Sept. 1, ?.

Remarks: Holotype is USNM 16455 (Metcalf, 1923: 80).

Protoopalina montana Metcalf, 1923: 54–56, fig. 30.

Paratypes: AMNH 493 (several specimens).

Host: *Megalophrys montana* (Amphibia), USNM 38955.

Locality: Tiibodas, Java, Indonesia.

Collector: T. Barbour.

Remarks: Holotype is USNM 16443 (Metcalf, 1923: 54).

Protoopalina mossambicensis Metcalf, 1923: 73–74, fig. 44.

Paratypes: AMNH 494 (several specimens).

Host: *Rana adspersa* (Amphibia), USNM 7127.

Locality: Mozambique.

Collector: W. Peters.

Remarks: Holotype is USNM 16450 (Metcalf, 1923: 73).

Protoopalina nutti Metcalf, 1923: 45–48, figs. 22, 23.

Paratypes: AMNH 495 (several specimens).

Host: *Rana nutti* (Amphibia), USNM 41438.

Locality: Kenya.

Collector: Smithsonian African Expedition, Oct. 1909.

Remarks: Holotype is USNM 16621 (Metcalf, 1923: 45).

Protoopalina orientalis Metcalf, 1923: 48, fig. 24.

Paratypes: AMNH 496 (several specimens).

Host: *Bombina orientalis* (Amphibia), USNM 17527.

Locality: Fusan, Korea.

Collector: P. L. Jouy, 1885.

Remarks: Holotype is USNM 16460 (Metcalf, 1923: 48).

Protoopalina ovoidea Metcalf, 1923: 66–67, fig. 38.

Paratypes: AMNH 497 (several specimens).

Host: *Gastrophryne texensis* (Amphibia), USNM 52296.

Locality: Brownsville, Cameron Co., Texas, USA.

Collector: R. D. Camp.

Remarks: Holotype is USNM 16496 (Metcalf, 1923: 66).

Protoopalina papuensis Metcalf, 1923: 34–36, fig. 12.

Paratypes: AMNH 498 (several specimens).

Host: *Hyla dolichopsis* (Amphibia), USNM 57718.

Locality: Sorong, Papua New Guinea.

Collector: J. Hurter, Sr., 1906.

Remarks: Holotype is USNM 16625 (Metcalf, 1923: 34).

Protoopalina pelobatidis Metcalf, 1923: 38–40, fig. 16.

Paratypes: AMNH 499 (several specimens). Host: *Pelobates fuscus* (Amphibia), USNM 37191.

Locality: Klosterneuburg, Austria.

Collector: F. Werner, May 1897.

Remarks: Holotype is USNM 16429 (Metcalf, 1923: 38).

Protoopalina peronii Metcalf, 1923: 37–38, fig. 15.

Paratypes: AMNH 500 (several specimens). Host: *Limnodynastes peronii* (Amphibia), USNM 62748.

Locality: Wandandian, New South Wales, Australia.

Collector: C. M. Hoy, Aug. 1, 1919.

Remarks: Holotype is USNM 16620 (Metcalf, 1923: 37).

Protoopalina quadrinucleata Metcalf, 1923: 81–82, fig. 51.

Paratypes: AMNH 501 (several specimens). Host: *Rana macrodon* (Amphibia), USNM 43931.

Locality: Mount Salok, Java, Indonesia.

Collector: Bryant Expedition, May 1909.

Remarks: Holotype is USNM 16457 (Metcalf, 1923: 81).

Protoopalina raffae Delvinquier, 1987: 99, figs. 11, 12.

Syntypes: AMNH 713, 720.2 (each several specimens).

Host: *Bufo marinus* (?) (Amphibia).

Locality: Kenilworth, Queensland (AMNH 713) and Heathcote Junction, Victoria (AMNH 720.2), Australia.

Collector: B. L. J. Delvinquier, Feb. 1985 (AMNH 713) and Oct. 1985 (AMNH 720.2).

Protoopalina regularis Metcalf, 1923: 70–71, fig. 41.

Paratypes: AMNH 502 (several specimens). Host: *Bufo regularis* (Amphibia), USNM 16064.

Locality: Gold Coast, Ghana.

Collector: W. H. Brown, Dec. 1889.

Remarks: Holotype is USNM 16451 (Metcalf, 1923: 70).

Protoopalina rhinodermatos Metcalf, 1923: 71–72, fig. 42.

Paratypes: AMNH 503 (several specimens). Host: *Rhinoderma darwinii* (Amphibia), USNM 38931.

Locality: Concepción, Chile.

Collector: T. Barbour.

Remarks: Holotype is USNM 16448 (Metcalf, 1923: 71).

Protoopalina scaphiopodos Metcalf, 1923: 75–76, fig. 46.

Paratypes: AMNH 505 (several specimens). Host: *Scaphiopus bombifrons* (Amphibia), USNM 22265.

Locality: Los Animas, Bent Co., Colorado, USA.

Collector: A. K. Fisher, July 18, 1892.

Remarks: Holotype is USNM 16452 (Metcalf, 1923: 75). Type locality is misidentified as Los Animas, California, in publication.

Protoopalina tronchini Delvinquier, 1987: 100, fig. 15.

Syntypes: AMNH 715.1 (several specimens). Host: *Litoria rubella* (Amphibia).

Locality: Kenilworth, Queensland, Australia.

Collector: B. L. J. Delvinquier, Feb. 1985.

Protoopalina xenopodos Metcalf, 1923: 61–63, fig. 36.

Paratypes: AMNH 507 (several specimens). Host: *Xenopus calcaratus* (Amphibia), AMNH 9750.

Locality: Medje, Zaire.

Collector: American Museum Congo Expedition, June 6, 1910.

Remarks: Holotype is USNM 16628 (Metcalf, 1923: 61).

Protoopalina xyster Metcalf, 1923: 67–68, fig. 39.

Paratypes: AMNH 508 (several specimens). Host: *Gastrophryne usta* (Amphibia), USNM 10021.

Locality: Tehuantepec, Oaxaca, Mexico.

Collector: F. Sumichrast.

Remarks: Holotype is USNM 16497 (Metcalf, 1923: 67).

Protozelleriella devilliersi Delvinquier, Markus, and Passmore, 1991b: 163–168, figs. 1–6, 12, 13.

Paratypes: AMNH 749 (several specimens).

Host: *Capensibufo rosei* (Amphibia).

Locality: Silver Mining Nature Reserve, Cape Town district, Cape Province, South Africa.

Collector: B. L. J. Delvinquier, Aug. 1989.

Remarks: Holotype is BM(NH) 1989.12.4.4 (Delvinquier et al., 1991b: 163).

Zelleriella atelopodos Metcalf, 1923: 88–90, fig. 55.

Syntypes: AMNH 510 (several specimens).

Host: *Atelopus varius* (Amphibia), USNM 30633.

Locality: Pico Blanco, Costa Rica.

Collector: W. M. Gabb.

Remarks: Described as “new species (?)” but given a diagnosis with noted taxonomic differences in morphology from other species. AMNH 510 slide marked paratype, but no holotype designated in publication. A specimen was deposited as USNM 16526 (Metcalf, 1923: 88), which may be the “type,” based on Metcalf’s writing on the slide, but further study is needed.

Zelleriella atelopyxena Metcalf, 1923: 91–92, figs. 58, 59.

Paratypes: AMNH 511 (several specimens).

Host: *Atelopus varius* (Amphibia), USNM 30643.

Locality: Pico Blanco, Costa Rica.

Collector: W. M. Gabb.

Remarks: Holotype is USNM 16465 (Metcalf, 1923: 91).

Zelleriella atelopyxena stelzneri Metcalf, 1923: 93, fig. 60.

Paratypes: AMNH 512 (several specimens).

Host: *Atelopus stelzneri* (Amphibia), USNM 28481.

Locality: Sapucay, Paraguay.

Collector: W. T. Foster.

Remarks: Described as “new subspecies (?)” but subspecies given a diagnosis with noted differences in morphology from other subspecies. AMNH 512 slide marked paratype. A specimen was deposited as the “type” (USNM 16466) (Metcalf, 1923: 93), which should be considered the holotype.

Zelleriella binghami Metcalf, 1923: 109–111, fig. 76.

Paratypes: AMNH 513 (several specimens).

Host: *Eleutherodactylus binghami* (Amphibia), USNM 49558.

Locality: Urubamba, Peru.

Collector: Yale Peruvian Expedition, July 15, (?).

Remarks: Holotype is USNM 16479 (Metcalf, 1923: 109).

Zelleriella bufoxena Metcalf, 1923: 121–122, fig. 87.

Paratypes: AMNH 515 (several specimens).

Host: *Bufo haematiticus* (Amphibia), USNM 14181.

Locality: Nicaragua.

Collector: J. T. Bransford, Aug. 7, 1885.

Remarks: Holotype is USNM 16484 (Metcalf, 1923: 121).

Zelleriella camusi Delvinquier, 1987: 101, fig. 19.

Syntypes: AMNH 717.1 (several specimens).

Host: *Limnodynastes tasmaniensis* (Amphibia).

Locality: Gawler, South Australia, Australia.

Collector: B. L. J. Delvinquier, Oct. 1985.

Zelleriella couchii Metcalf, 1923: 90, fig. 56.

Paratypes: AMNH 516 (several specimens).

Host: *Scaphiopus couchii* (Amphibia), USNM 13629.

Locality: Helotes, Texas, USA.

Collector: G. W. Marnock, Nov. 30, 1883.

Remarks: Holotype is USNM 16463 (Metcalf, 1923: 90).

Zelleriella cusconis Metcalf, 1923: 107–109, fig. 75.

Paratypes: AMNH 517 (several specimens).

Host: *Eleutherodactylus footei* (Amphibia), USNM 49563.

Locality: Cuzco, Peru.

Collector: Yale Peruvian Expedition, July 9, (?).

Remarks: Holotype is USNM 16478 (Metcalf, 1923: 107).

Zelleriella darwinii Metcalf, 1923: 106–107, figs. 73, 74.

Paratypes: AMNH 518 (several specimens).

Host: *Rhinoderma darwinii* (Amphibia), USNM 38931.

Locality: Concepción, Chile.

Collector: T. Barbour.

Remarks: Holotype is USNM 16477 (Metcalf, 1923: 106).

Zelleriella delvincki Delvinquier, 1987: 102, figs. 20, 21.

Syntypes: AMNH 718.1 (several specimens).
Host: *Limnodynastes* spp. (Amphibia).
Locality: Asquith, New South Wales, Australia.
Collector: B. L. J. Delvinquier, Oct. 1985.

Zelleriella dendrobatidis Metcalf, 1923: 95–96, figs. 63, 64.
Paratypes: AMNH 519, 520 (each several specimens).
Host: *Dendrobates tinctorius* (Amphibia).
Locality: Costa Rica (AMNH 519) and west coast of Central America (AMNH 520).
Collector: W. M. Gabb (AMNH 519) and unknown (AMNH 520).
Remarks: Holotype is USNM 16468 (Metcalf, 1923: 95).

Zelleriella engystomopsis Metcalf, 1923: 93–94, figs. 61, 62.
Paratypes: AMNH 521, 522 (each several specimens).
Host: *Engystomops stentor* (Amphibia), USNM 51959 (AMNH 521) and *E. pus-tulosus* (AMNH 522).
Locality: Toboga Island, Panama (AMNH 521) and Tehuantepec, Oaxaca, Mexico (AMNH 522).
Collector: J. Zetek, June 12, 1914 (AMNH 521) and F. Sumichrast (AMNH 522).
Remarks: Described as “new species (?)” but given a diagnosis with noted differences in morphology from other species. AMNH 521 and 522 slides marked paratype. A specimen was deposited as the “type” (USNM 16467) (Metcalf, 1923: 93), which should be considered the holotype.

Zelleriella garlandi Delvinquier, Markus, and Passmore, 1991b: 171, figs. 9, 34–36.
Paratypes: AMNH 756.1 (several specimens).
Host: *Kassina maculata* (Amphibia).
Locality: Passmore’s pan, Mtunzini District, Natal, South Africa.
Collector: B. L. J. Delvinquier, Nov. 1988.
Remarks: Holotype is BM(NH) 1989.12.4.20 (Delvinquier et al., 1991b: 171).

Zelleriella hirsuta Metcalf, 1923: 134–136, figs. 99, 100.
Paratypes: AMNH 523 (several specimens).
Host: *Bufo cognatus* (Amphibia), USNM 35629.

Locality: Phoenix, Maricopa Co., Arizona, USA.

Collector: M. C. Dick.

Remarks: Holotype is USNM 16500 (Metcalf, 1923: 134).

Zelleriella hoytei Delvinquier, 1987: 102, figs. 22, 23.1, 23.3, 23.4.

Syntypes: AMNH 719 (several specimens).
Host: *Adelotus brevis* (Amphibia) and *Mixophyes fasciolatus* (Amphibia).

Locality: Mount Nebo, Queensland, Australia.

Collector: B. L. J. Delvinquier, Jan. 1985.

Zelleriella hylaxena Metcalf, 1923: 111–113, fig. 78.

Paratypes: AMNH 524 (several specimens).
Host: *Hyla pulchella* (Amphibia), USNM 5407.

Locality: Paraguay.

Collector: Capt. Page.

Remarks: Holotype is USNM 16480 (Metcalf, 1923: 111).

Zelleriella hypopacheos Metcalf, 1923: 87–88, fig. 54.

Paratypes: AMNH 525 (several specimens).
Host: *Hypopachus variolosus* (Amphibia), USNM 24830.

Locality: Guatemala.

Collector: H. Hogue.

Remarks: Holotype is USNM 16461 (Metcalf, 1923: 87).

Zelleriella intermedia Metcalf, 1923: 123, fig. 89.

Paratypes: AMNH 526 (several specimens).
Host: *Bufo intermedius* (Amphibia), USNM 26162.

Locality: Guanajuato, Mexico.

Collector: A. Dugés.

Remarks: Holotype is USNM 16486 (Metcalf, 1923: 123).

Zelleriella intermedia cuneata Metcalf, 1923: 123–124, fig. 90.

Paratypes: AMNH 527 (several specimens).
Host: *Bufo valliceps* (Amphibia), USNM 52279.

Locality: Brownsville, Cameron Co., Texas, USA.

Collector: R. D. Camp, Jan. 5, 1915.

Remarks: Holotype is USNM 16487 (Metcalf, 1923: 123).

- Zelleriella leptodactyli* Metcalf, 1923: 97–98, fig. 65.
Paratypes: AMNH 528, 529, 530, 531 (each several specimens).
Host: *Leptodactylus albilabris* (Amphibia), USNM 10029 (AMNH 528), *L. caliginosus*, USNM 30116 (AMNH 529), *L. gracilis*, USNM 10019 (AMNH 530), and *L. microtis*, USNM 38109 (AMNH 531).
Locality: Tehuantepec, Oaxaca, Mexico (AMNH 528, 529, 530) and Lake Amatitlan, Guatemala (AMNH 531).
Collector: Unknown (AMNH 528, 529), Feb. 1906 (AMNH 531), and F. Sumichrast (AMNH 530).
Remarks: Holotype is USNM 16469 (Metcalf, 1923: 97).
- Zelleriella magna* Metcalf, 1923: 99–101, fig. 67.
Paratypes: AMNH 532 (several specimens).
Host: *Leptodactylus typhonius* (Amphibia), USNM 36370.
Locality: Chicara, Venezuela.
Collector: Unknown.
Remarks: Holotype is USNM 16471 (Metcalf, 1923: 99).
- Zelleriella microcarya* Metcalf, 1923: 122, fig. 88.
Paratypes: AMNH 533 (several specimens).
Host: *Bufo lemur* (Amphibia), USNM 27149.
Locality: Puerto Rico.
Collector: L. Stejneger, April 4, 1908.
Remarks: Holotype is USNM 16485 (Metcalf, 1923: 122).
- Zelleriella opisthocarya* Metcalf, 1923: 127, fig. 94.
Paratypes: AMNH 542 (several specimens).
Host: *Bufo coniferus* (Amphibia), USNM 29976.
Locality: Costa Rica.
Collector: Burgdorf and Schild.
Remarks: Holotype is USNM 16492 (Metcalf, 1923: 127).
- Zelleriella paludicola* Metcalf, 1923: 102–104, figs. 69, 70.
Paratypes: AMNH 538, 539 (each several specimens).
Host: *Paludicola bibronii* (Amphibia), USNM 38920 (AMNH 538) and *P. brachyops* (AMNH 539).
Locality: Tolcahuana, Chile (AMNH 538) and Chiara, Venezuela (AMNH 539).
Collector: T. Barbour (AMNH 538) and G. K. Cherrie, June 6, 1901 (AMNH 539).
Remarks: Holotype is USNM 16473 (Metcalf, 1923: 102).
- Zelleriella patagoniensis* Metcalf, 1923: 104–105, fig. 71.
Paratypes: AMNH 540 (several specimens).
Host: *Paludicola bufonina* (Amphibia), USNM 36883.
Locality: Straits of Magellan, Patagonia, Argentina.
Collector: Hatcher, 1898.
Remarks: Holotype is USNM 16475 (Metcalf, 1923: 104).
- Zelleriella ranaxena* Metcalf, 1923: 106, fig. 72.
Paratypes: AMNH 541 (several specimens).
Host: *Rana draytonii* (Amphibia).
Locality: California, USA.
Collector: Unknown, April 1913.
Remarks: Holotype is USNM 16476 (Metcalf, 1923: 106).
- Zelleriella sandoni* Delvinquier, Markus, and Passmore, 1991b: 171, figs. 10, 37–52.
Paratypes: AMNH 757, 758, 759.1, 760.1 (each several specimens).
Host: *Kassina senegalensis* (Amphibia).
Locality: Siphiso (Nkumbane) River, Mlawula Nature Preserve, Eastern District (AMNH 757, 760.1), Tweefontein pan, Pietersburg District, Transvaal (AMNH 758), and Passmore's pan, Mtunzini District, Natal (AMNH 759.1), South Africa.
Collector: B. L. J. Delvinquier, Jan. 1989 (AMNH 757, 760.1), Dec. 1988 (AMNH 758), and Nov. 1988 (AMNH 759.1).
Remarks: Holotype is BM(NH) 1989.12.4.21 (Delvinquier et al., 1991b: 171).
- Zelleriella telmatobii* Metcalf, 1923: 131, fig. 97.
Paratypes: AMNH 543 (several specimens).
Host: *Telmatobius jelskii* (Amphibia), USNM 38577.
Locality: Blanc Island, Peru.
Collector: R. E. Coker, July 13, 1908.
Remarks: Holotype is USNM 16498 (Metcalf, 1923: 131).

Zelleriella trinitatis Metcalf, 1923: 111, fig. 77.

Syntypes: AMNH 544 (several specimens).
Host: *Phyllobates trinitatis* (Amphibia), USNM 27792.

Locality: La Guaira, Venezuela.

Collector: Lyon and Robinson, July 10, 1900.

Remarks: Described as "new species (?)," but given a diagnosis with noted differences in morphology from other species. AMNH 544 slide marked paratype, but no holotype designated in publication. A specimen was deposited as USNM 16494 (Metcalf, 1923: 111).

Zelleriella venezuelae Metcalf, 1923: 114–115, fig. 80.

Paratypes: AMNH 545 (several specimens).
Host: *Hyla venulosa* (Amphibia), USNM 27797.

Locality: La Guaira, Venezuela.

Collector: Lyon and Robinson, July 3, 1900.

Remarks: Holotype is USNM 16482 (Metcalf, 1923: 114).

Zelleriella vivieri Delvinquier, 1987: 102, fig. 24.

Syntypes: AMNH 720.1 (several specimens).

Host: *Limnodynastes* spp. (Amphibia).

Locality: Heathcote Junction, Victoria, Australia.

Collector: B. L. J. Delvinquier, Oct. 1985.

SUBPHYLUM SARCODINA

CLASS LOBOSEA

Cyclammina gouldi Warthin, 1934: 4, figs. 4, 5.

Holotype: AMNH 657.

Paratypes: AMNH 658 (several specimens).

Locality: Bay of Whales, Antarctica, Ross Sea.

Collector: L. M. Gould.

Remarks: AMNH 657 and 658 cannot be located in the collection.

Elphidium brooklynense Shupack, 1934: 10–11, fig. 7.

Holotype: AMNH 695.

Locality: Brooklyn, Kings Co., New York, USA.

Collector: B. Shupack.

Elphidium florentinae Shupack, 1934: 9–10, fig. 5.

Holotype: AMNH 696.

Locality: Jamaica Bay, Queens Co., New York, USA.

Collector: B. Shupack.

Rotalia beccarii var. *sobrina* Shupack, 1934: 6–7, fig. 4.

Holotype: AMNH 697.

Locality: Raritan Bay, New York/New Jersey, USA.

Collector: B. Shupack.

Trochammina rossensis Warthin, 1934: 3, figs. 1–3.

Holotype: AMNH 655.

Paratypes: AMNH 656 (3 specimens).

Locality: Bay of Whales, Antarctica, Ross Sea.

Collector: L. M. Gould.

Remarks: USNM 655 and 656 cannot be located in the collection.

PHYLUM GNATHOSTOMULA

CLASS GNATHOSTOMULIDA

Austrognatharia strunki Farris, 1973: 577–586, figs. 1–16.

Paratypes: AMNH 768.1, 768.2 (2 specimens).

Locality: Newfound Harbor Channel, Big Pine Key, Florida, USA.

Collector: R. A. Farris, April 1972.

Remarks: Repository of holotype not cited.

Austrognathia christiana Farris, 1977: 781–790, figs. 33–46.

Holotype: AMNH 866.

Locality: Swansboro, Onslow Co., North Carolina, USA.

Collector: R. A. Farris, Feb. 22, 1974.

Remarks: One paratype is listed as having been deposited at AMNH, but was never received. Specimen mislabeled in publication as "AMNH XXXX."

Austrognathia hymanae Kirsteuer, 1970: 3–7, figs. 1–10, 14.

Holotype: AMNH 672.

Locality: St. James, Barbados.

Collector: E. Kirsteuer, June 1969.

Austrognathia microconulifera Farris, 1977: 775–781, figs. 19–32.

Holotype: AMNH 864.

Paratype: AMNH 865 (1 specimen).

Locality: Tuckers Town Cove, off Castle Harbor, Bermuda.

Collector: R. A. Farris, May–July 1973 and May–June 1974.

Remarks: Both specimens mislabeled in publications as “AMNH XXXX.”

Austrognathia sterreri Kirsteuer, 1969: 12–15, fig. 7.

Holotype: AMNH 564.

Locality: Lagoon, Bimini, Bahamas.

Collector: E. Kirsteuer, Aug. 1967.

Gnathostomula arabica Riedl, 1971b: 449–452, figs. 207–212.

Holotype: AMNH 715.

Paratypes: AMNH 716, 717, 718, 719, 720 (each 1 specimen).

Locality: Al-Ghardqa, Saudi Arabia, Red Sea.

Collector: R. J. M. Riedl, 1965 (?).

Gnathostomula armata Riedl, 1971b: 428–435, figs. 136–158.

Holotype: AMNH 729.

Paratype: AMNH 730 (1 specimen).

Locality: Crow Point, Hingham, Plymouth Co., Massachusetts, USA.

Collector: R. J. M. Riedl, 1966–1969.

Remarks: Specimens mislabeled in publication as AMNH 229 and 230.

Gnathostomula brunidens Riedl, 1971b: 411–418, figs. 79–107.

Holotype: AMNH 727.

Paratype: AMNH 728 (1 specimen).

Locality: Wrightsville Beach, north of Wilmington, North Carolina, USA.

Collector: R. J. M. Riedl, 1966–1969.

Remarks: Specimens mislabeled in publication as AMNH 227 and 228.

Gnathostomula jenneri Riedl, 1971b: 388–411, figs. 2–78.

Holotype: AMNH 721.

Paratypes: AMNH 722, 723, 724, 725, 726 (each 1 specimen).

Locality: Wrightsville Beach, north of Wilmington, North Carolina, USA.

Collector: R. J. M. Riedl, 1966–1969.

Gnathostomula mediocristata Riedl, 1971b: 421–428, figs. 116–135.

Holotype: AMNH 733.

Locality: Wrightsville Beach, north of Wilmington, North Carolina, USA.

Collector: R. J. M. Riedl, 1966–1969.

Gnathostomula microstyla Riedl, 1971b: 435–445, figs. 159–196.

Holotype: AMNH 731.

Paratype: AMNH 732 (1 specimen).

Locality: Wrightsville Beach, north of Wilmington, North Carolina, USA.

Collector: R. J. M. Riedl, 1966–1969.

Gnathostomula peregrina Kirsteuer, 1969: 8–12, figs. 5, 6.

Holotype: AMNH 562.

Paratypes: AMNH 563.1–563.7 (7 specimens).

Locality: Lagoon, Bimini, Bahamas.

Collector: E. Kirsteuer, Aug. 1967.

Gnathostomula tuckeri Farris, 1977: 766–774, figs. 1–18.

Holotype: AMNH 862.

Paratype: AMNH 863 (1 specimen).

Locality: Tuckers Town Cove, off Castle Harbor, Bermuda.

Collector: R. A. Farris, Summer 1972–1974.

Remarks: Both specimens mislabeled in publication as “AMNH XXXX.”

Labidognathia longicollis Riedl, 1970a: 227–244, figs. 1–40.

Holotype: AMNH 595.

Paratypes: AMNH 596.1–596.7 (7 specimens).

Locality: Wrightsville Beach, north of Wilmington, North Carolina, USA.

Collector: R. J. M. Riedl, Winter 1967–1968.

Mesognatharia bahamensis Kirsteuer, 1969: 15–17, fig. 8.

Holotype: AMNH 565.

Paratype: AMNH 566 (1 specimen).

Locality: Lagoon, Bimini, Bahamas.

Collector: E. Kirsteuer, July–Aug. 1967.

Onychognathia filifera Riedl, 1971a: 201–214, figs. 1–33.

Holotype: AMNH 642.

Paratype: AMNH 643 (1 specimen).

Locality: One mile off Big Pine Key, Florida, USA.

Collector: R. J. M. Riedl, Winter 1967–1968.

Pterognathia grandis Kirsteuer, 1969: 17–20, figs. 9, 10.

Holotype: AMNH 567.

Paratypes: AMNH 568.1–568.14 (14 specimens).

Locality: Lagoon, Bimini, Bahamas.

Collector: E. Kirsteuer, Aug. 1967.

Semaeognathia sterreri Riedl, 1970b: 359–370, figs. 1–20.

Holotype: AMNH 593.

Paratypes: AMNH 594.1, 594.2 (2 specimens).

Locality: Wrightsville Beach, north of Wilmington, North Carolina, USA.

Collector: R. J. M. Riedl, Winter 1967–1968.

PHYLUM GASTROTRICHA

CLASS MACRODASYOIDEA

Chordodasys antennatus Rieger, Ruppert, Rieger, and Schoepfer-Sterrerr, 1974: 219–237, figs. 1–8, 9a–c, 10.

Holotype: AMNH 967.

Locality: Off Beaufort, North Carolina, USA.

Collector: B. Coull, May 1970.

Dolichodasys carolinensis Ruppert and Shaw, 1977: 185–195, figs. 1–4.

Holotype: AMNH 968.

Locality: White Oak River, Swansboro, North Carolina, USA.

Collector: E. E. Ruppert, June 1976.

Remarks: The published type locality is Bogue Sound, near Pine Knoll Shores, North Carolina, USA. This does not agree with the White Oak River locality which is from the original slide label.

Dolichodasys delicatus Ruppert and Shaw, 1977: 185–195, fig. 5.

Holotype: AMNH 969.1.

Paratype: AMNH 969.2 (1 specimen).

Locality: Bogue Bank, North Carolina, USA.

Collector: E. E. Ruppert, June 1976.

Remarks: There are two whole mount specimens embedded in epon-araldite; only one can be the holotype and one, therefore, a paratype.

Pseudostomella cataphracta Ruppert, 1970: 121–143, pl. 2, figs. 1–7; text figs. 10–15.

Holotype: AMNH 81.

Locality: Station number 11575, 34°18'0"N, 76°13'10"W, coastal North Carolina, USA.

Collector: R/V "Eastward," cruise number E50L-68-69.

Pseudostomella plumosa Ruppert, 1970: 121–143, pl. 1, figs. 1–6; text figs. 1–9.

Holotype: AMNH 82.

Locality: Station number 11575, 34°18'0"N, 76°13'10"W, coastal North Carolina, USA.

Collector: R/V "Eastward," cruise number E50L-68-69.

Urodasys calicostylis Schoepfer-Sterrerr, 1974: 241–242, pl. 4, figs. c, d; text figs. 4, 5d.

Holotype: AMNH 760.

Paratypes: AMNH 761.1, 761.2 (2 specimens).

Locality: Station 11035, 8 fathoms, 34°58'02"N, 76°26'03"W, Beaufort, North Carolina, USA.

Collector: R/V "Eastward."

Urodasys cornustylis Schoepfer-Sterrerr, 1974: 234–236, pl. 1; text figs. 1, 5c.

Holotype: AMNH 766.

Paratypes: AMNH 767.1, 767.2 (2 specimens).

Locality: One mile off Big Pine Key, Florida, USA.

Collector: C. Schoepfer-Sterrerr, Dec. 29, 1968.

Urodasys nodostylis Schoepfer-Sterrerr, 1974: 239–241, pl. 3; text figs. 3a–f, 5a.

Holotype: AMNH 764.

Paratypes: AMNH 765.1, 765.2 (2 specimens).

Locality: Three Hills Shoals, Bermuda.

Collector: C. Schoepfer-Sterrerr.

Urodasys spirostylis Schoepfer-Sterrerr, 1974: 236–238, pl. 2; text figs. 2, 5e.

Holotype: AMNH 762.

Paratypes: AMNH 763.1–763.3 (3 specimens).

Locality: One mile off Big Pine Key, Florida, USA.

Collector: C. Schoepfer-Sterrerr, Dec. 29, 1968.

CLASS CHAETONOTOIDEA

Chaetonotus robustus Davison, 1938: 1–6, figs. 1–5.

Holotype: AMNH 961.

Paratypes: AMNH 962–966 (5 specimens).

Locality: Great Swamp, Morris Co., New Jersey, USA (holotype and AMNH 962, 963, 965, 966) and near Bedford, Westchester Co., New York, USA (AMNH 964).

Collector: D. B. Davison, July 9, 1937 (holotype), Aug. 8, 1937 (AMNH 962), July

17, 1937 (AMNH 963 and 966), June 1926 (AMNH 964), and July 25, 1937 (AMNH 965).

Remarks: None of the paratype specimens can be located in the AMNH collection.

Ichthyidium hummoni Ruppert, 1977: 1–5, pl. 1; text fig. 1.

Holotype: AMNH 83.

Paratypes: AMNH 84, 85 (each 1 specimen).
Locality: Bogue Inlet Beach, North Carolina, USA.

Collector: E. E. Ruppert, Aug. 1971.

PHYLUM ROTIFERA

CLASS MONOGONATA

Ascomorpha agilis americana Beauchamp, 1932: 443–447, fig. 5.

Syntype: AMNH 480 (1 specimen).

Locality: Vincentown, Burlington Co., New Jersey, USA.

Collector: F. J. Myers, July 20, 1930.

Aspelta beltista Harring and Myers, 1928: 788–790, pl. 49, figs. 3–5.

Syntype: AMNH 588 (1 specimen).

Locality: Witch Hole, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, Aug. 25, 1920.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Aspelta clydona Harring and Myers, 1928: 795–796, pl. 48, figs. 1, 2.

Syntype: AMNH 575 (1 specimen).

Locality: Salisbury Cove, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, Aug. 6, 1925.

Remarks: Slide originally marked holotype, but no holotype designated in publication.

Aspelta egregia Myers, 1936a: 8–10, fig. 6, 7. Syntypes: AMNH 780, 804 (each 1 specimen).

Locality: Union Lake, Millville, Cumberland Co., New Jersey, USA.

Collector: F. J. Myers, Aug. 12, 1934.

Remarks: Above data for AMNH 780 only. AMNH 804 cannot be located in the collection.

Aspelta labri Harring and Myers, 1928: 786–787, pl. 46, figs. 1, 2.

Syntype: AMNH 594 (1 specimen).

Locality: Oceanville, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Aug. 5, 1918.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Aspelta psitta Harring and Myers, 1928: 790–791, pl. 49, figs. 1, 2.

Syntype: AMNH 345 (1 specimen).

Locality: Kenilworth, Washington D.C., USA.

Collector: F. J. Myers, 1914.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Asplanchnopus dahlgreni Myers, 1934e, 1–4, fig. 1.

Paratype: AMNH 371 (1 specimen).

Locality: Eagle Lake, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, Aug. 5, 1927.

Remarks: Repository of holotype not cited.

Birgea enantia Harring and Myers, 1922: 610–612, pl. 58, figs. 1–4.

Syntype: AMNH 442 (1 specimen).

Locality: Eagle River, Vilas Co., Wisconsin, USA.

Collector: F. J. Myers, Aug. 25, 1920.

Remarks: Slide originally marked holotype, but no holotype designated in publication. An additional syntype (marked paratype) is ANSP RT343 (Spamer and Bogan, 1992: 56).

Brachionus angularis var. *chelonis* Ahlstrom, 1940: 155, pl. 5, figs. 14, 15.

Paratype: AMNH 1058 (1 specimen).

Locality: West of New Orleans, Louisiana, USA.

Collector: Unknown.

Remarks: Repository of holotype not cited.

Brachionus caudatus var. *personatus* Ahlstrom, 1940: 158–159, pl. 7, figs. 1, 2, 5–7.

Paratype: AMNH 1043 (1 specimen).

Locality: Xochimilco Lake, Mexico City, Mexico.

Collector: Unknown.

Remarks: Repository of holotype not cited. Additional paratypes are ANSP RT548 (Spamer and Bogan, 1992: 60).

Brachionus nilsoni Ahlstrom, 1940: 173, pl. 17, figs. 1–5.

Paratype: AMNH 1039 (1 specimen).

Locality: Ottawa Creek, Toledo, Ohio, USA.

Collector: Unknown.

Remarks: Repository of holotype not cited.

An additional paratype is ANSP RT167 (Spamer and Bogan, 1992: 59).

Cephalodella ablusa Myers, 1934a: 8–9, fig. 8.

Paratype: AMNH 696 (1 specimen).

Locality: Round Pond, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, July 2, 1924.

Remarks: Repository of holotype not cited.

Cephalodella abstrusa Myers, 1934a: 13–14, fig. 14.

Paratype: AMNH 699 (1 specimen).

Locality: Upper Hadlock Lake, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, June 20, 1928.

Remarks: Repository of holotype not cited.

Cephalodella akrobeles Myers, 1934a: 11–12, fig. 12.

Paratype: AMNH 684 (1 specimen).

Locality: The Barcelona, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, Aug. 10, 1927.

Remarks: Repository of holotype not cited.

Cephalodella apocolea Myers in Harring and Myers, 1924: 509, pl. 33, figs. 1, 2.

Syntype: AMNH 447 (1 specimen).

Locality: Oceanville, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, June 20, 1919.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Cephalodella belone Myers in Harring and Myers, 1924: 490–491, pl. 31, fig. 2.

Syntype: AMNH 407 (1 specimen).

Locality: Eagle River, Vilas Co., Wisconsin, USA.

Collector: F. J. Myers, Aug. 2, 1919.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Cephalodella celeris Myers, 1937: 13, fig. 14.

Paratype: AMNH 700 (1 specimen).

Locality: Eagle Lake, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, June 10, 1921.

Remarks: Repository of holotype not cited. This specimen cannot be located in the collection.

Cephalodella collactea Myers in Harring and Myers, 1924: 501–502, pl. 34, fig. 5.

Syntype: AMNH 198 (1 specimen).

Locality: Loon Lake, Vilas Co., Wisconsin, USA.

Collector: F. J. Myers, Aug. 19, 1920.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Cephalodella cuneata Myers in Harring and Myers, 1924: 505, pl. 29, fig. 2.

Syntype: AMNH 467 (1 specimen).

Locality: Egg Harbor, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Oct. 6, 1922.

Cephalodella dorseyi Myers in Harring and Myers, 1924: 487–488, pl. 30, fig. 7.

Syntype: AMNH 354 (1 specimen).

Locality: Oceanville, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, March 27, 1920.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Cephalodella dorystoma Myers, 1934a: 5–6, fig. 5.

Paratype: AMNH 362 (1 specimen).

Locality: Ripple Pond, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, July 26, 1924.

Remarks: Slide originally marked cotype, but must be paratype as per Myers, 1933b. Repository of holotype not cited.

Cephalodella elegans Myers in Harring and Myers, 1924: 489–490, pl. 31, fig. 8.

Syntype: AMNH 418 (1 specimen).

Locality: Oceanville, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, July 23, 1921.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Cephalodella elongata Myers in Harring and Myers, 1924: 471–472, pl. 26, fig. 2.

Syntype: AMNH 465 (1 specimen).

Locality: Weymouth, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Oct. 13, 1922.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Cephalodella epitedia Myers in Harring and Myers, 1924: 468, pl. 27, fig. 7.

Syntype: AMNH 694 (1 specimen).

Locality: Salt pools, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Sept. 2, 1920.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Cephalodella euknema Myers, 1934a: 5, fig. 4.

Paratype: AMNH 540 (1 specimen).

Locality: Ripple Pond, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, July 25, 1924.

Remarks: Repository of holotype not cited.

Cephalodella galbina Myers in Harring and Myers, 1924: 490, pl. 31, fig. 1.

Syntype: AMNH 475 (1 specimen).

Locality: Gravelly Run, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Oct. 1, 1922.

Cephalodella hiulca Myers in Harring and Myers, 1924: 488–489, pl. 30, fig. 3.

Syntype: AMNH 491 (1 specimen).

Locality: Bargaintown, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, 1923.

Remarks: Misspelled *C. piulca* in section heading of publication.

Cephalodella hyalina Myers in Harring and Myers, 1924: 505–506, pl. 32, fig. 4.

Syntype: AMNH 462 (1 specimen).

Locality: Bargaintown, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, July 20, 1921.

Cephalodella innesi Myers in Harring and Myers, 1924: 470–471, pl. 26, figs. 3–5.

Syntype: AMNH 486 (1 specimen).

Locality: Oceanville, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, July 26, 1923.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Cephalodella inquilina Myers in Harring and Myers, 1924: 502–503, pl. 36, fig. 1.

Syntype: AMNH 387 (1 specimen).

Locality: Wheeler Lake, Vilas Co., Wisconsin, USA.

Collector: F. J. Myers, Aug. 12, 1920.

Cephalodella lepida Myers, 1934a: 10, fig. 10.

Paratype: AMNH 537 (1 specimen).

Locality: Witch Hole, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, July 21, 1930.

Remarks: Repository of holotype not cited.

Cephalodella licinia Myers in Harring and Myers, 1924: 503, pl. 34, fig. 4.

Syntype: AMNH 474 (1 specimen).

Locality: Bargaintown, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Oct. 1, 1922.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Cephalodella marina Myers in Harring and Myers, 1924: 469–470, pl. 26, fig. 7.

Syntype: AMNH 466 (1 specimen).

Locality: Tuckahoe, New Jersey, USA.

Collector: F. J. Myers, Oct. 17, 1921.

Cephalodella mucosa Myers, 1934a: 4–5, fig. 3.

Paratype: AMNH 831 (1 specimen).

Locality: Witch Hole, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, Aug. 8, 1930.

Remarks: Repository of holotype not cited.

Cephalodella mucronata Myers in Harring and Myers, 1924: 510–511, pl. 36, figs. 2–4.

Syntypes: AMNH 252.1, 252.2 (2 specimens).

Locality: Lenape Lake, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, April 17, 1925(?).

Cephalodella nelitis Myers in Harring and Myers, 1924: 493, pl. 32, fig. 1.

Syntypes: AMNH 469.1, 469.2 (2 specimens).

Locality: Gravelly Run near May's Landing, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Oct. 21, 1922.

Remarks: Both slides originally marked paratype, but no holotype designated in publication.

Cephalodella panarista Myers in Harring and Myers, 1924: 478–479, pl. 31, figs. 5–7.

Syntype: AMNH 502 (1 specimen).

Locality: Bass Island, Huron River, Wayne Co., Michigan, USA.

Collector: E. A. Birge, Sept. 22, 1901.

Remarks: Slide originally marked holotype, but no holotype designated in publication.

Cephalodella pheloma Myers in Harring and Myers, 1924: 496–497, pl. 32, fig. 3.

Syntype: AMNH 463 (1 specimen).

Locality: Estellville, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, July 25, 1922.

Remarks: Slide originally marked holotype, but no holotype designated in publication.

Cephalodella physalis Myers in Harring and Myers, 1924: 484–485, pl. 29, figs. 3–5.

Syntype: AMNH 414 (1 specimen).

Locality: One mile east of Weymouth, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, April 20, 1924.

Cephalodella plicata Myers in Harring and Myers, 1924: 483, pl. 28, figs. 3, 4.

Syntype: AMNH 451 (1 specimen).

Locality: Starvation Lake, Oneida Co., Wisconsin, USA.

Collector: F. J. Myers, Aug. 17, 1920.

Cephalodella poitera Myers, 1934a: 10–11, fig. 11.

Paratype: AMNH 692 (1 specimen).

Locality: The Barcelona, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, Oct. 2, 1927.

Remarks: Repository of holotype not cited.

Cephalodella praelonga Myers, 1934a: 12–13, fig. 13.

Paratype: AMNH 691 (1 specimen).

Locality: Pond Heath, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, Oct. 7, 1930.

Remarks: Repository of holotype not cited.

Cephalodella strepta Myers in Harring and Myers, 1924: 509–510, pl. 35, fig. 1.

Syntype: AMNH 409 (1 specimen).

Locality: Bargaintown, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Aug. 2, 1921.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Cephalodella strigosa Myers in Harring and Myers, 1924: 485–486, pl. 29, fig. 7.

Syntype: AMNH 464 (1 specimen).

Locality: Bargaintown, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Oct. 2, 1922.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Now considered a synonym of *C. hoodi* (Gosse, 1886) (Nogrady, personal commun.).

Cephalodella subsecunda Myers, 1942: 276–277, pl. 23, fig. 1.

Paratype: AMNH 1187 (1 specimen).

Locality: Pocono Lake, Monroe Co., Pennsylvania, USA.

Collector: F. J. Myers, June 14, 1941.

Remarks: Holotype in ANSP (Myers, 1942: 275) but listed as syntype by Spamer and Bogan, 1992: 62.

Cephalodella tantilla Myers in Harring and Myers, 1924: 486–487, pl. 30, fig. 2.

Syntype: AMNH 482 (1 specimen).

Locality: Bargaintown, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, July 5, 1924.

Collotheca judayi Edmondson, 1940: 439–440, figs. 9, 10.

Holotype: AMNH 1127.

Locality: Three Grass Lake, Wisconsin, USA.

Collector: Unknown, Aug. 6, 1939.

Remarks: A paratype is ANSP RT1005 (Spamer and Bogan, 1992: 58).

Colurella aemula Myers, 1934b: 16, fig. 13.

Paratype: AMNH 478 (1 specimen).

Locality: Doughty Mills, Absecon, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, July 24, 1923.

Remarks: Repository of holotype not cited. An additional paratype is ANSP RT551 (Spamer and Bogan, 1992: 53).

Colurella logima Myers, 1934b: 14–16, fig. 12.

Paratype: AMNH 476 (1 specimen).

Locality: Witch Hole, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, Aug. 1930.

Remarks: Repository of holotype not cited.

Dapidia calpidia Myers, 1930: 371–372, pl. 20, figs. 1–8.

Syntype: AMNH 622B (1 specimen).

Locality: Gravelly Run, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, June 30, 1930.

Remarks: Additional syntypes (marked paratypes) are ANSP RT253 (Spamer and Bogan, 1992: 54).

Dicranella gracilis Myers, 1936a: 7–8, figs. 1–3, 18.

Syntypes: AMNH 766, 787 (each 1 specimen).

Locality: Lenape Lake, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Aug. 31, 1934.

Remarks: AMNH 787 cannot be located in the collection. Now considered to be in the genus *Pedipartia* (Nogrady, personal commun.).

Dicranophorus alcimus Harring and Myers, 1928: 721–723, pl. 30, figs. 1–3.

Syntype: AMNH 587 (1 specimen).

Locality: Manset, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, July 30, 1925.

Remarks: Slide originally marked paratype, but no holotype designed in publication.

Dicranophorus artamus Harring and Myers, 1928: 715–716, pl. 28, figs. 3–9.

Syntype: AMNH 489 (1 specimen).

Locality: Bargaintown, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Oct. 14, 1926.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Dicranophorus edestes Harring and Myers, 1928: 717–718, pl. 28, figs. 10, 11.

Syntype: AMNH 887 (1 specimen).

Locality: Bargaintown, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, June 27, 1921.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Dicranophorus isotheres Harring and Myers, 1928: 708–710, pl. 27, figs. 6–9.

Syntype: AMNH 558 (1 specimen).

Locality: Bargaintown, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Nov. 15, 1921.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Dicranophorus lenapensis Myers, 1938: 9–10, figs. 13, 14, 19, 22.

Syntypes: AMNH 892, 893 (each 1 specimen).

Locality: Lenape Lake, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, June 12, 1936.

Remarks: Both specimens called “type” in publication. AMNH 893 cannot be located in the collection.

Dicranophorus minutes Myers, 1937: 14–15, figs. 17, 22.

Paratype: AMNH 872 (1 specimen).

Locality: Cordroy Creek, Absecon, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, April 16, 1927.

Remarks: Repository of holotype not cited.

This specimen cannot be located in the collection.

Dicranophorus pennatus Harring and Myers, 1928: 737–738, pl. 33, figs. 4–7.

Syntype: AMNH 487 (1 specimen).

Locality: Bargaintown, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, July 23, 1923.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Dicranophorus proclestes Harring and Myers, 1928: 714–715, pl. 32, figs. 5, 6.

Syntype: AMNH 513 (1 specimen).

Locality: Gravelly Run, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Oct. 2, 1922.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Dicranophorus robustus Harring and Myers, 1928: 711–712, pl. 29, figs. 3, 4.

Syntype: AMNH 299 (1 specimen).

Locality: Bargaintown, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Oct. 6, 1919.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Dicranophorus saevus Harring and Myers, 1928: 726–727, pl. 31, figs. 7–9.

Syntypes: AMNH 494, 589 (each 1 specimen).

Locality: Batsto, New Jersey, USA.

Collector: F. J. Myers, July 30, 1923.

Remarks: Both slides originally marked paratype, but no holotype designated in publication. Additional syntypes (marked paratypes) are ANSP RT563 (Spamer and Bogan, 1992: 62).

Dicranophorus spiculatus Myers, 1938: 10, figs. 23, 24.

Holotype: AMNH 907.

Locality: Lenape Lake, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, July 28, 1936.

Remarks: Paratypes are ANSP RT380 (Spamer and Bogan, 1992: 62).

Dicranophorus thysanus Harring and Myers, 1928: 710–711, pl. 27, figs. 1–3.

Lectotype: AMNH 886.

Paralectotype: AMNH 263 (1 specimen).

Locality: Gravelly Run, Atlantic Co, New Jersey, USA.

Collector: F. J. Myers, July 10, 1921.

Remarks: The “holotype” is cited in Myers, 1938: 16. AMNH 263 is not noted in either publication, but has data identical to those of the lectotype. The lectotype cannot be located in the collection. An additional paralectotype is ANSP RT32 (Spamer and Bogan, 1992: 63).

Diurella edmondsoni Myers, 1936a: 14–15, figs. 10, 12.

Holotype: AMNH 468.

Locality: Lenape Lake, Oceanville, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Sept. 20, 1934.

Diurella insolens Myers, 1936a: 12–14, figs. 11, 13, 15, 19.

Syntypes: AMNH 762A, 789 (each 1 specimen).

Locality: Lenape Lake, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, June 21, 1934.

Remarks: AMNH 762A mislabeled in publication as AMNH 762. AMNH 789 cannot be located in the collection. Additional syntypes are ANSP RT256 (Spamer and Bogan, 1992: 58).

Diurella tortuosa Myers, 1936a: 15–16, figs. 14, 17.

Syntypes: AMNH 307, 307B, 792 (each 1 specimen).

Locality: Bargaintown (AMNH 307 and 307B) and Lenape Lake (AMNH 792), Atlantic Co, New Jersey, USA.

Collector: F. J. Myers, July 5, 1924 (AMNH 307) and Sept. 12, 1934 (AMNH 307B and 792).

Remarks: AMNH 307B originally marked paratype, but AMNH 792 designated co-type (=syntype) in publication. AMNH 307 cannot be located in the collection. Addi-

tional syntypes are ANSP RT359 (Spamer and Bogan, 1992: 63).

Dorria dalecarlica Myers, 1933a: 120–121, pl. 1, figs. 3, 4.

Syntype: AMNH 679 (1 specimen).

Locality: Duck Brook, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, July 20, 1924.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Encentrum insolitum Myers, 1936a: 10–11, figs. 4, 8.

Holotype: AMNH 800.

Locality: Lenape Lake, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Jan. 11, 1934.

Encentrum nesites Harring and Myers, 1928: 760–761, pl. 40, figs. 4, 5.

Syntype: AMNH 595 (1 specimen).

Locality: Salisbury Cove, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, July 9, 1924.

Encentrum parime Harring and Myers, 1928: 766–767, pl. 42, figs. 4, 5.

Syntype: AMNH 680 (1 specimen).

Locality: Kenilworth, Washington D.C., USA.

Collector: Unknown, July 15, 1914.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Encentrum salsum Myers, 1936c: 429–430, pl. 53, figs. 5–7.

Holotype: AMNH 830.

Paratype: AMNH 832 (1 specimen).

Locality: Mullica River, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, June 27, 1935.

Remarks: Holotype mislabeled as AMNH 804 in publication. An additional paratype is ANSP RT572 (Spamer and Bogan, 1992: 62).

Encentrum villosum Harring and Myers, 1928: 772–773, pl. 43, figs. 3, 4.

Syntype: AMNH 639 (1 specimen).

Locality: Longport Boulevard near Atlantic City, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, April 26, 1921.

Remarks: Slide originally marked holotype, but no holotype designated in publication.

- Eosphora anthadis* Harring and Myers, 1922: 641–642, pl. 58, figs. 9–13.
Syntype: AMNH 304 (1 specimen).
Locality: Huron River, Wayne Co., Michigan, USA.
Collector: H. K. Harring, Sept. 20, 1899.
- Eosphora gelida* Harring and Myers, 1922: 642–644, pl. 60, figs. 1–6.
Syntype: AMNH 315 (1 specimen).
Locality: Margate, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, March 10, 1919.
Remarks: Slide originally marked paratype, but no holotype designated in publication. An additional syntype (marked paratype) is ANSP RT292 (Spamer and Bogan, 1992: 57).
- Eosphora therina* Harring and Myers, 1922: 639–641, pl. 59, figs. 1–5.
Syntype: AMNH 553 (1 specimen).
Locality: Margate City, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, Sept. 17, 1920.
Remarks: This specimen not from published type locality of Potomac River.
- Eosphora thoa* Harring and Myers, 1924: 523–525, pl. 39, figs. 1–5.
Syntype: AMNH 496 (1 specimen).
Locality: Bargaintown, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, Sept. 24, 1920.
Remarks: Slide originally marked paratype, but no holotype designated in publication.
- Eothinia argus* Harring and Myers, 1924: 530–531, pl. 41, figs. 6–11.
Syntype: AMNH 677 (1 specimen).
Locality: Lenape Lake, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, Nov. 14, 1922.
Remarks: Slide originally marked paratype, but no holotype designated in publication.
- Eothinia carogaensis* Myers, 1937: 9–10, figs. 3, 6, 9, 10.
Holotype: AMNH 878.
Locality: Caroga Lake, New York, USA.
Collector: F. J. Myers, Sept. 24, 1935.
- Eothinia triphaea* Harring and Myers, 1924: 528–530, pl. 41, figs. 1–5.
Syntype: AMNH 577 (1 specimen).
- Locality: Eagle River, Vilas Co., Wisconsin, USA.
Collector: F. J. Myers, Aug. 27, 1919.
- Euchlanis arenosa* Myers, 1936a: 16–18, figs. 20, 25, 26.
Paratype: AMNH 764 (1 specimen).
Locality: Lenape Lake, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, May 18, 1934.
Remarks: Mislabeled as AMNH 754 in publication. Repository of holotype not cited. An additional paratype is ANSP RT234 (Spamer and Bogan, 1992: 53).
- Euchlanis dilatata* var. *crassa* Myers, 1938: 14, figs. 29, 32.
Holotype: AMNH 967.
Paratype: AMNH 997 (1 specimen).
Locality: Nicola Lake, British Columbia, Canada.
Collector: F. J. Myers, 1931.
Remarks: AMNH 997 not listed in publication. Additional paratypes are ANSP RT471 (Spamer and Bogan, 1992: 55).
- Euchlanis meneta* Myers, 1930: 378–379, pl. 19, figs. 5–8.
Syntypes: AMNH 28.1, 28.2 (2 specimens).
Locality: Bargaintown, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, May 14, 1924.
Remarks: AMNH 28.1 originally marked paratype, but no holotype designated in publication.
- Euchlanis proxima* Myers, 1930: 377–378, pl. 19, figs. 1–4.
Syntype: AMNH 623 (1 specimen).
Locality: Three miles south of Tuckerton, Ocean Co., New Jersey, USA.
Collector: F. J. Myers, Oct. 22, 1928.
Remarks: Slide originally marked paratype, but no holotype designated in publication. Now considered a synonym of *E. meneta* Myers, 1930 (Nogrady, personal commun.).
- Euchlanis triquetra* var. *mucronata* Ahlstrom, 1934: 258, pl. 25, figs. 4, 5.
Paratype: AMNH 720 (1 specimen).
Locality: Florida, USA.
Collector: Unknown, 1932.
Remarks: Repository of holotype not cited.

- Additional paratypes are ANSP 511 (Spamer and Bogan, 1992: 59).
- Filinia camasecla* Myers, 1938: 15, fig. 34.
Holotype: AMNH 869.
Locality: Canal Zone, Panama.
Collector: Unknown, 1912.
Remarks: Slide originally marked paratype, but designated type (=holotype) in publication. Paratypes are ANSP RT381 (Spamer and Bogan, 1992: 54).
- Keratella cochlearis* var. *faluta* Ahlstrom, 1943: 427–428, pl. 36, figs. 9–15.
Holotype: AMNH 1194.
Paratype: AMNH 959 (1 specimen).
Locality: Herbert Lake, British Colombia, Canada.
Collector: Unknown, Sept. 3, 1936.
Remarks: Holotype never received at AMNH.
- Keratella cochlearis* var. *punctata* Myers, 1938: 14–15.
Holotype: AMNH 994.
Locality: Browns Mills, Burlington Co., New Jersey, USA.
Collector: F. J. Myers, Sept. 5, 1937.
Remarks: This specimen cannot be located in the collection.
- Keratella cochlearis* var. *taurocephala* Myers, 1938: 14, figs. 35, 36.
Holotype: AMNH 993.
Locality: Tamaque Lake, Lutherland, Schuylkill Co., Pennsylvania, USA.
Collector: F. J. Myers, Aug. 22, 1937.
Remarks: This specimen cannot be located in the collection. A paratype is ANSP RT230 (Spamer and Bogan, 1992: 63).
- Keratella crassa* Ahlstrom, 1943: 433–434, pl. 38, figs. 1–3.
Holotype: AMNH 1197.
Remarks: Holotype never received at AMNH.
- Keratella earlinae* Ahlstrom, 1943: 431–432, pl. 37, figs. 5–7.
Holotype: AMNH 1195.
Remarks: Holotype never received at AMNH.
- Keratella earlinae* var. *nesiotica* Ahlstrom, 1943: 432, pl. 37, fig. 8.
Holotype: AMNH 1196.
Remarks: Holotype never received at AMNH.
- Keratella gracilentia* Ahlstrom, 1943: 434–436, pl. 39, figs. 1–5.
Holotype: AMNH 1198.
Remarks: Holotype never received at AMNH.
- Keratella quadrata* var. *adnata* Ahlstrom, 1943: 446, pl. 40, figs. 9, 10.
Holotype: AMNH 1199.
Remarks: Holotype never received at AMNH.
- Keratella quadrata* var. *edmondsoni* Ahlstrom, 1943: 447, pl. 41, fig. 4.
Holotype: AMNH 1200.
Remarks: Holotype never received at AMNH.
- Keratella quadrata* var. *pyriformis* Ahlstrom, 1943: 447–448, pl. 41, figs. 9–12.
Holotype: AMNH 1201.
Remarks: Holotype never received at AMNH.
- Lecane acronycha* Harring and Myers, 1926: 322–323, pl. 8, figs. 3, 4.
Syntype: AMNH 392 (1 specimen).
Locality: Lenape Lake, Oceanville, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, May 14, 1920.
Remarks: Slide originally marked paratype, but no holotype designated in publication.
- Lecane aeganea* Harring, 1914: 542, pl. 21, figs. 1–3.
Paratype: AMNH 399 (1 specimen).
Locality: Black Swamp, Gatun, Canal Zone, Panama.
Collector: D. W. Marsh, Dec. 1909.
Remarks: Holotype is USNM 16577 (Harring, 1914: 542).
- Lecane aquila* Harring and Myers, 1926: 334, pl. 13, figs. 1, 2.
Syntypes: AMNH 367.1, 367.2 (2 specimens).
Locality: Near Eagle River, Vilas Co., Wisconsin, USA.
Collector: F. J. Myers, Aug. 25, 1919.
Remarks: AMNH 367.1 originally marked paratype, but no holotype designated in publication. Additional syntypes (marked paratypes) are ANSP RT357 (Spamer and Bogan, 1992: 53).
- Lecane aspasia* Myers, 1917: 476, pl. 40, figs. 6–8.
Paratype: AMNH 544 (1 specimen).
Locality: Los Angeles, Los Angeles Co., California, USA.
Collector: F. J. Myers, April 1915.

Remarks: Holotype is USNM 16832 (Myers, 1917: 476).

Lecane bifastigata Hauer, 1938: 511, fig. 35.
Syntype: AMNH 911 (1 specimen).
Locality: Tjigombong, Java, Indonesia.
Collector: Sunda Expedition, Aug. 28, 1935.
Remarks: Slide originally marked paratype, but no holotype designated in publication.

Lecane calcaria Harring and Myers, 1926: 381, pl. 33, figs. 3, 4.
Syntype: AMNH 421 (1 specimen).
Locality: Oceanville, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, Aug. 1, 1920.

Lecane climacois Harring and Myers, 1926: 358, pl. 25, figs. 1, 2.
Syntype: AMNH 396 (1 specimen).
Locality: Glenburnie, Anne Arundel Co., Maryland, USA.
Collector: H. K. Harring, June 10, 1913.
Remarks: Slide originally marked paratype, but no holotype designated in publication. An additional syntype (marked paratype) is ANSP RT506 (Spamer and Bogan, 1992: 55).

Lecane compta Harring, 1914: 540–541, pl. 20, figs. 1–3.
Paratype: AMNH 400 (1 specimen).
Locality: Panama.
Collector: C. D. Marsh, Dec. 1884.
Remarks: Holotype is USNM 16575 (Harring, 1914: 541). Now considered a synonym of *L. flexilis* (Gosse, 1886) (Nogrady, personal commun.).

Lecane elasma Harring and Myers, 1926: 345–346, pl. 20, figs. 1, 2.
Syntype: AMNH 402 (1 specimen).
Locality: Bellsville, Maryland, USA.
Collector: H. K. Harring, Aug. 22, 1915.
Remarks: Slide originally marked paratype, but no holotype designated in publication.

Lecane elongata Harring and Myers, 1926: 372, pl. 31, figs. 1, 2.
Syntype: AMNH 549 (1 specimen).
Locality: Doughty Mill Pond, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, Oct. 3, 1922.
Remarks: Slide originally marked paratype, but no holotype designated in publication.

Lecane elsa Hauer, 1931: 8–9, fig. 2.
Syntype: AMNH 490 (1 specimen).
Locality: Near Karlsruhe, Baden, Germany.
Collector: J. Hauer, July 1930.
Remarks: Slide originally marked paratype, but no holotype designated in publication. Additional syntypes (marked paratypes) are ANSP RT213 (Spamer and Bogan, 1992: 56).

Lecane eutarsa Harring and Myers, 1926: 341–342, pl. 18, figs. 1, 2.
Syntype: AMNH 403 (1 specimen).
Locality: Near Puerto Barrios, Guatemala.
Collector: C. Juday, 1910.
Remarks: Slide originally marked paratype, but no holotype designated in publication.

Lecane flabellata Edmondson, 1936: 218, pl. 27, figs. 7, 8.
Syntype: AMNH 819 (1 specimen).
Locality: Pennamaquan Lake, Maine, USA.
Collector: F. J. Myers, Aug. 18, 1934.
Remarks: Slide originally marked paratype, but no holotype designated in publication.

Lecane formosa Harring and Myers, 1926: 366–367, pl. 29, figs. 1, 2.
Syntype: AMNH 551 (1 specimen).
Locality: Lac Vieux Desert, Vilas Co., Wisconsin, USA.
Collector: F. J. Myers, Aug. 21, 1919.
Remarks: Slide originally marked paratype, but no holotype designated in publication.

Lecane fusilis Myers, 1936b: 83–84, fig. 1.
Syntype: AMNH 883 (1 specimen).
Locality: River Jacques-Cartier, Quebec, Canada.
Collector: F. J. Myers, Aug. 1935.
Remarks: Slide originally marked holotype, but no holotype designated in publication. Specimen mislabeled AMNH 870 in publication.

Lecane infula Harring and Myers: 1926: 361–362, pl. 26, figs. 5, 6.
Syntype: AMNH 545 (1 specimen).
Locality: The Barcelona, Mount Desert Island, Maine, USA.
Collector: F. J. Myers, Aug. 3, 1924.
Remarks: Slide originally marked paratype, but no holotype designated in publication. This specimen not from published type lo-

cality of Lower Breakneck Pond, Mount Desert Island.

Lecane inquieta Myers, 1936a: 18, fig. 22.

Syntype: AMNH 755 (1 specimen).

Locality: Pleasant Mills, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, April 21, 1934.

Remarks: Additional syntypes are ANSP RT326 (Spamer and Bogan, 1992: 57).

Lecane jessupi Harring, 1921: 8, pl. 3, figs. 3, 4.

Syntype: AMNH 526 (1 specimen).

Locality: Saint Paul's Island, Alaska, USA.

Collector: J. M. Jessup, July 4, 1911.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Lecane kluchor Tarnogradsky, 1930: 122, 139–140, figs. 6, 7.

Syntype: AMNH 895 (1 specimen).

Locality: Kluchor Pass, North Caucasus, Russia.

Collector: Unknown, Oct. 5, 1930.

Lecane marshi Harring, 1914: 537, pl. 18, figs. 1–3.

Paratype: AMNH 612 (1 specimen).

Locality: Panama Canal, Panama.

Collector: Unknown, Dec. 1909.

Remarks: Holotype is USNM 16571 (Harring, 1914: 537).

Lecane methoria Harring and Myers, 1926: 343–344, pl. 19, figs. 1, 2.

Syntype: AMNH 529 (1 specimen).

Locality: Town Line Lake, Vilas Co., Wisconsin, USA.

Collector: F. J. Myers, Aug. 6, 1920.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Lecane mitis Harring and Myers, 1926: 329, pl. 11, figs. 3, 4.

Syntype: AMNH 560 (1 specimen).

Locality: Gravelly Run, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, May 10, 1921.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Lecane mucronata Harring and Myers, 1926: 330–331, pl. 29, figs. 3–5.

Syntype: AMNH 391 (1 specimen).

Locality: Millville, Cumberland Co., New Jersey, USA.

Collector: F. J. Myers, Aug. 12, 1920.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Lecane palinacis Harring and Myers, 1926: 380–381, pl. 32, figs. 3, 4.

Syntype: AMNH 573 (1 specimen).

Locality: Washington D.C., USA.

Collector: Unknown, Oct. 14, 1914.

Lecane pelatis Harring and Myers, 1926: 342, pl. 18, figs. 3, 4.

Syntype: AMNH 115 (1 specimen).

Locality: Minocqua, Oneida Co., Wisconsin, USA.

Collector: F. J. Myers, July 25, 1916.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Lecane pertica Harring and Myers, 1926: 340–341, pl. 12, figs. 1, 2.

Syntype: AMNH 250 (1 specimen).

Locality: Bargaintown, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Sept. 8, 1917.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

An additional syntype (marked paratype) is ANSP RT321 (Spamer and Bogan, 1992: 60).

Lecane plesia Myers, 1936c: 430–432, pl. 53, fig. 8.

Syntype: AMNH 833 (1 specimen).

Locality: Mullica River, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, June 27, 1935.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Additional syntypes (marked paratypes) are ANSP RT320 (Spamer and Bogan, 1992: 61).

Lecane pusilla Harring, 1914: 541, pl. 20, figs. 4–6.

Paratype: AMNH 583 (1 specimen).

Locality: Panama.

Collector: Unknown, Dec. 1887.

Remarks: Holotype is USNM 16574 (Harring, 1914: 541).

Lecane pustulosa Myers, 1938: 13, fig. 37.

Holotype: AMNH 980.

- Locality: Lenape Lake, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, June 18, 1934.
- Lecane pycina* Harring and Myers, 1926: 340, pl. 17, figs. 5, 6.
Syntype: AMNH 532 (1 specimen).
Locality: Bubble Pond, Mount Desert Island, Maine, USA.
Collector: F. J. Myers, Sept. 6, 1924.
Remarks: Slide originally marked paratype, but no holotype designated in publication.
- Lecane pyrrha* Harring and Myers, 1926: 331–332, pl. 12, figs. 3–6.
Syntype: AMNH 279 (1 specimen).
Locality: Gravelly Run, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, Oct. 27, 1920.
Remarks: Slide originally marked paratype, but no holotype designated in publication. An additional syntype (marked paratype) is ANSP RT72 (Spamer and Bogan, 1992: 61).
- Lecane sagula* Harring and Myers, 1926: 365–366, pl. 28, figs. 3, 4.
Syntype: AMNH 531 (1 specimen).
Locality: Minoqua, Oneida Co., Wisconsin, USA.
Collector: F. J. Myers, Sept. 25, 1916.
Remarks: Slide originally marked paratype, but no holotype designated in publication.
- Lecane satyrus* Harring and Myers, 1926: 362–363, pl. 27, figs. 3, 4.
Syntype: AMNH 111 (1 specimen).
Locality: Mamie Lake, Vilas Co., Wisconsin, USA.
Collector: F. J. Myers, July 22, 1920.
- Lecane sibina* Harring, 1914: 535, pl. 23, figs. 5–7.
Paratype: AMNH 336 (1 specimen).
Locality: Los Amates, Guatemala.
Collector: D. W. Marsh, Feb. 10, 1912.
Remarks: Holotype is USNM 16582 (Harring, 1914: 535). AMNH 336 not from published type locality. Now considered a synonym of *L. rhenana* Hauer, 1929. (Nogardy, personal commun.).
- Lecane subtilis* Harring and Myers, 1926: 370–371, pl. 30, figs. 5, 6.
Syntype: AMNH 525 (1 specimen).
- Locality: Arbor Vitae Lake, Vilas Co., Wisconsin, USA.
Collector: F. J. Myers, Aug. 13, 1920.
Remarks: Slide originally marked holotype, but no holotype designated in publication. An additional syntype (marked paratype) is ANSP RT65 (Spamer and Bogan, 1992: 62).
- Lecane sverigis* Ahlstrom, 1934: 258–259, pl. 25, figs. 7, 8.
Paratype: AMNH 726 (1 specimen).
Locality: Eight miles east of Arcadia, De Soto Co., Florida, USA.
Collector: Unknown, 1932.
Remarks: Repository of holotype not cited. Now considered a synonym of *L. unguolata* (Gosse, 1887) (Nogardy, personal commun.).
- Lecane sympoda* Hauer, 1929: 152–154, fig. 10.
Syntype: AMNH 674 (1 specimen).
Locality: Karlsruhe, Baden, Germany.
Collector: Unknown, July 15, 1927.
Remarks: Slide originally marked paratype, but no holotype designated in publication. Additional syntypes (marked paratypes) are ANSP RT501 (Spamer and Bogan, 1992: 63).
- Lecane tabida* Harring and Myers, 1926: 361, pl. 26, figs. 3, 4.
Syntype: AMNH 541 (1 specimen).
Locality: Trout Brook, Mount Desert Island, Maine, USA.
Collector: F. J. Myers, July 22, 1924.
Remarks: Slide originally marked holotype, but no holotype designated in publication.
- Lecane tabulifera* Edmondson, 1936: 218, pl. 27, figs. 3, 4.
Syntype: AMNH 911 (1 specimen).
Locality: Pennamaquan Stream, Maine, USA.
Collector: F. J. Myers, April 9, 1935.
Remarks: Slide originally marked paratype, but no holotype designated in publication.
- Lecane tenua* Myers, 1936a: 18–19, fig. 21.
Syntype: AMNH 750 (1 specimen).
Locality: Weymouth, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, April 21, 1924.
- Lecane tryphema* Harring and Myers, 1926: 376, pl. 34, figs. 5, 6.

Syntypes: AMNH 369, 870 (each 1 specimen).

Locality: May's Landing (AMNH 369) and Pleasant Mills (AMNH 870), Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, June 15, 1917 (AMNH 369) and April 27, 1916 (AMNH 870).

Remarks: Both slides originally marked paratype, but no holotype designated in publication. An additional syntype (marked paratype) is ANSP RT129 (Spamer and Bogan, 1992: 63–64).

Lecane tudicola Harring and Myers, 1926: 328–329, pl. 11, figs. 1, 2.

Syntype: AMNH 542 (1 specimen).

Locality: Saint Paul Island, Pribilof Islands, Alaska, USA.

Collector: G. H. Parker, July 7, 1914.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Lecane venusta Harring and Myers, 1926: 368, pl. 27, figs. 5, 6.

Syntype: AMNH 534 (1 specimen).

Locality: Ottman Lake, Wisconsin, USA.

Collector: F. J. Myers, Aug. 18, 1916.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Lecane verecunda Harring and Myers, 1926: 358–359, pl. 25, figs. 3, 4.

Syntype: AMNH 546 (1 specimen).

Locality: Madison, Dane Co., Wisconsin, USA.

Collector: F. J. Myers, Sept. 12, 1919.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Lecane visenda Myers, 1934d: 8, figs. 25–27.

Holotype: AMNH 668.

Locality: Bargaintown, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, 1925.

Lepadella akrobeles Myers, 1934d: 5, figs. 13–15.

Holotype: AMNH 723.

Locality: Egg Harbor, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Oct. 1926.

Remarks: Holotype not from published type locality. Paratypes are ANSP RT488 (Spamer and Bogan, 1992: 53).

Lepadella apsicora Myers, 1934d: 5–7, figs. 16–18.

Holotype: AMNH 675.

Locality: Witch Hole, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, Aug. 1928.

Lepadella astaciola Hauer, 1926: 460–462, fig. 2.

Syntype: AMNH 616 (1 specimen).

Locality: Behler-Au, Germany.

Collector: J. Hauer, Oct. 16, 1925.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Lepadella borealis Harring, 1916: 550–551, pl. 92, figs. 13–16.

Paratype: AMNH 548 (1 specimen).

Locality: Saint Paul Island, Pribilof Islands, Alaska, USA.

Collector: G. H. Parker, 1914.

Remarks: Holotype is USNM 16830 (Harring, 1916: 551). Slide originally marked cotype, but holotype designated in publication.

Lepadella bractea Myers, 1934d: 2, figs. 1–3.

Syntypes: AMNH 80.1, 80.2 (2 specimens).

Locality: Witch Hole, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, Aug. 4, 1930.

Remarks: AMNH 80 listed as type (=holotype) in publication, but two specimens of identical data exist with that number. AMNH 80.1 originally marked paratype. Now considered a synonym of *L. patella* (Müller, 1786) (Nogrady, personal commun.).

Lepadella branchicola Hauer, 1926: 462–464, fig. 3.

Syntype: AMNH 593 (1 specimen).

Locality: Dieksee, Germany.

Collector: J. Hauer, Jan. 7, 1925.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Lepadella canadaensis Myers, 1936b: 84–85, fig. 2.

Syntype: AMNH 882 (1 specimen).

Locality: River Jacques-Cartier, Quebec, Canada.

Collector: F. J. Myers, Aug. 1935.

Remarks: Slide originally marked holotype, but no holotype designated in publication.

- Specimen mislabeled in publication as AMNH 870.
- Lepadella cryphaea* Harring, 1916: 545–546, pl. 92, figs. 9–12.
Paratype: AMNH 642 (1 specimen).
Locality: Washington D.C., USA.
Collector: H. K. Harring, June 1, 1912.
Remarks: Holotype is USNM 16828 (Harring, 1916: 546).
- Lepadella eurysterna* Myers, 1942: 279, pl. 25, fig. 3.
Paratype: AMNH 1186 (1 specimen).
Locality: Naomi Lake, Monroe Co., Pennsylvania, USA.
Collector: F. J. Myers, Aug. 16, 1939.
Remarks: Holotype is in ANSP (Myers, 1942: 275). Additional paratypes are ANSP RT964 (Spamer and Bogan, 1992: 57).
- Lepadella latusinus* var. *americana* Myers, 1934d: 7, figs. 19–21.
Holotype: AMNH 761.
Locality: Witch Hole, Mount Desert Island, Maine, USA.
Collector: F. J. Myers, July 24, 1923.
Remarks: This specimen cannot be located in the collection. Not now recognized as a distinct subspecies (Nogrady, personal commun.).
- Lepadella longiseta* Myers, 1934d: 4, figs. 7–9.
Holotype: AMNH 738.
Locality: Witch Hole, Mount Desert Island, Maine, USA.
Collector: F. J. Myers, July 1926.
Remarks: Holotype not from published type locality.
- Lepadella pyriformis* Myers, 1938: 13–14, figs. 38–40.
Holotype: AMNH 992.
Locality: Tamaque Lake, Lutherland, Schuylkill Co., Pennsylvania, USA.
Collector: F. J. Myers, Aug. 17, 1937.
Remarks: This specimen cannot be located in the collection.
- Lepadella triba* Myers, 1934d: 4–5, figs. 10–12.
Holotype: AMNH 670.
Locality: Pond Heath, Mount Desert Island, Maine, USA.
Collector: F. J. Myers, July 1924.
- Lepadella triptera* var. *alata* Myers, 1934d: 10, figs. 28–32.
Holotype: AMNH 762.
Locality: Duck Brook, Mount Desert Island, Maine, USA.
Collector: F. J. Myers.
Remarks: This specimen cannot be located in the collection.
- Lepadella venefica* Myers, 1934d: 2–4, figs. 4–6.
Holotype: AMNH 382.
Locality: Witch Hole, Mount Desert Island, Maine, USA.
Collector: F. J. Myers, July 24, 1923.
Remarks: A paratype is ANSP RT946 (Spamer and Bogan, 1992: 64).
- Lepadella xenica* Myers, 1934d: 7–8, figs. 22–24.
Holotype: AMNH 669.
Locality: Aunt Bettie Pond, Mount Desert Island, Maine, USA.
Collector: F. J. Myers, June 1924.
- Lindia annecta* Harring and Myers, 1922: 622–624, pl. 54, figs. 6–9.
Syntype: AMNH 148 (1 specimen).
Locality: Five miles east of May's Landing, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, Oct. 15, 1921.
Remarks: Slide originally marked paratype, but no holotype designated in publication.
- Lindia caerula* Myers, 1933c: 6–8, fig. 4.
Paratype: AMNH 735 (1 specimen).
Locality: Witch Hole, Mount Desert Island, Maine, USA.
Collector: F. J. Myers, Aug. 11, 1928.
Remarks: Repository of holotype not cited.
- Lindia ecela* Myers, 1933c: 8–9, fig. 5.
Paratype: AMNH 667 (1 specimen).
Locality: Witch Hole, Mount Desert Island, Maine, USA.
Collector: F. J. Myers, Sept. 5, 1927.
Remarks: Repository of holotype not cited.
- Lindia euchromatica* Edmondson, 1938: 154–157, figs. 5–11.
Paratype: AMNH 913 (1 specimen).
Locality: Linsley Pond, North Branford, New Haven Co., Connecticut, USA.
Collector: F. J. Myers, Aug. 19, 1936.
Remarks: Holotype is in PMNH (Edmondson, 1938: 153). An additional paratype is

- ANSP RT487 (Spamer and Bogan, 1992: 56).
- Lindia gracilis* Myers, 1938: 5–6, figs. 2, 6, 9, 10, 26.
Holotype: AMNH 916.
Locality: Pleasant Mills, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, Aug. 8, 1936.
Remarks: Holotype mislabeled in publication as AMNH 918.
- Lindia pallida* Harring and Myers, 1922: 620–622, pl. 53, figs. 1–4.
Syntype: AMNH 343 (1 specimen).
Locality: May's Landing, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, June 17, 1919.
Remarks: Slide originally marked paratype, but no holotype designated in publication.
- Lindia tecusa* Harring and Myers, 1922: 624–626, pl. 55, figs. 1–4.
Syntype: AMNH 94 (1 specimen).
Locality: Margate, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, July 10, 1918.
Remarks: Slide originally marked paratype, but no holotype designated in publication. An additional syntype (marked paratype) is ANSP RT17 (Spamer and Bogan, 1992: 63).
- Lophocharis hutchinsoni* Edmondson, 1935: 304–305, fig. 1.
Syntypes: AMNH 781, 782 (each 1 specimen).
Locality: Near Lake Mary, Cococino Co., Arizona, USA.
Collector: Unknown, 1932.
Remarks: Both slides originally marked paratype, but no holotype designated in publication. An additional syntype (marked paratype) is ANSP RT640 (Spamer and Bogan, 1992: 57).
- Macrochaetus longipes* Myers, 1934b: 13–14, fig. 11.
Paratype: AMNH 47 (1 specimen).
Locality: Witch Hole, Mount Desert Island, Maine, USA.
Collector: F. J. Myers, Aug. 10, 1929.
Remarks: Repository of holotype not cited.
- Macrochaetus multispinosus* Myers, 1934b: 12–13, figs. 9, 10.
Paratype: AMNH 665 (1 specimen).
Locality: Lake Wood, Mount Desert Island, Maine, USA.
Collector: F. J. Myers, June 22, 1926.
Remarks: Repository of holotype not cited.
- Monommata astia* Myers, 1930: 390–391, pl. 25, figs. 5–7.
Syntype: AMNH 422 (1 specimen).
Locality: Oceanville, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, July 19, 1921.
- Monommata diaphora* Myers, 1930: 388–389, pl. 24, figs. 7–9.
Syntype: AMNH 664 (1 specimen).
Locality: May's Landing, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, May 23, 1924.
Remarks: Slide originally marked paratype, but no holotype designated in publication.
- Monommata viridis* Myers, 1937: 10–11, figs. 12, 19, 21.
Paratype: AMNH 604 (1 specimen).
Locality: Bargaintown, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, April 10, 1927.
Remarks: Repository of holotype not cited.
- Monostyla goniata* Harring and Myers, 1926: 390–391, pl. 37, figs. 5, 6.
Syntype: AMNH 613 (1 specimen).
Locality: Eagle River, Vilas Co., Wisconsin, USA.
Collector: F. J. Myers, Sept. 1, 1919.
Remarks: Slide originally marked paratype, but no holotype designated in publication.
- Monostyla harringi* Ahlstrom, 1934: 263.
Paratype: AMNH 772 (1 specimen).
Locality: Margate City, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, June 4, 1917.
Remarks: Repository of holotype not cited.
- Monostyla mitella* Myers, 1936a: 19, figs. 23, 24.
Syntypes: AMNH 751, 752, 754 (each 1 specimen).
Locality: Weymouth (AMNH 751 and 754) and Indian Cabin Dam (AMNH 752), Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, April 20, 1934 (AMNH 751 and 754) and May 21, 1931 (AMNH 752).

Remarks: AMNH 751 not listed in publication. AMNH 751 originally marked holotype, but the designation of this specimen as holotype not in publication.

Monostyla ornata Harring and Myers, 1926: 402–403, pl. 36, figs. 1, 2.

Syntype: AMNH 373 (1 specimen).

Locality: Oceanville, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Oct. 5, 1918.

Remarks: Slide originally marked paratype, but no holotype designated in publication. An additional syntype (marked paratype) is ANSP RT99 (Spamer and Bogan, 1992: 59).

Monostyla pideis Harring and Myers, 1926: 400, pl. 41, figs. 5, 6.

Syntype: AMNH 530 (1 specimen).

Locality: Bubble Pond, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, July 24, 1924.

Remarks: An additional syntype (marked paratype) is ANSP RT42 (Spamer and Bogan, 1992: 60).

Monostyla rhopalura Harring and Myers, 1926: 399–400, pl. 41, figs. 3, 4.

Syntype: AMNH 77 (1 specimen).

Locality: Eagle River, Vilas Co., Wisconsin, USA.

Collector: F. J. Myers, Aug. 1919.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Monostyla rugosa Harring, 1914: 548–549, pl. 24, figs. 4–6.

Paratype: AMNH 284 (1 specimen).

Locality: Rio Grande Reservoir, Panama.

Collector: D. W. Marsh, Feb. 10, 1912.

Remarks: Holotype is USNM 16583 (Harring, 1914: 549).

Monostyla scutata Harring and Myers, 1926: 401, pl. 40, figs. 1, 2.

Syntype: AMNH 814 (1 specimen).

Locality: Ottman Lake, Vilas Co., Wisconsin, USA.

Collector: F. J. Myers, Aug. 17, 1916.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Monostyla spinifera Edmondson, 1934: 469, fig. 3.

Syntype: AMNH 769 (1 specimen).

Locality: Trou Caiman, Haiti.

Collector: Unknown, 1932.

Remarks: Slide originally marked paratype, but no holotype designated in publication. Now considered a synonym of *Lecane spinulifera* (Edmondson, 1935) (Nogrady, personal commun.).

Monostyla subulata Harring and Myers, 1926: 410–411, pl. 45, figs. 3, 4.

Syntype: AMNH 516 (1 specimen).

Locality: Hyattsville, Prince Co., Maryland, USA.

Collector: F. J. Myers, May 9, 1915.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Monostyla sylvatica Harring, 1913: 399–400, pl. 35, figs. 1–3.

Paratype: AMNH 376 (1 specimen).

Locality: Bureau of Standards, Washington D.C., USA.

Collector: H. K. Harring, 1910.

Remarks: Holotype is USNM 16522 (Harring, 1913: 400).

Monostyla tethis Harring and Myers, 1926: 405, pl. 38, figs. 1, 2.

Syntype: AMNH 539 (1 specimen).

Locality: Aunt Bettys Pond, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, July 15, 1924.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Monostyla thalera Harring and Myers, 1926: 393–394, pl. 39, figs. 3, 4.

Syntype: AMNH 404 (1 specimen).

Locality: San Joaquin River near Stockton, San Joaquin Co., California, USA.

Collector: W. E. Allen, 1909.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Monostyla vastita Harring and Myers, 1926: 404, pl. 42, figs. 3, 4.

Syntype: AMNH 543 (1 specimen).

Locality: Round Pond, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, Aug. 1, 1924.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Monostyla venusta Harring and Myers, 1926: 368, pl. 27, figs. 5, 6.

Syntype: AMNH 647 (1 specimen).

Locality: Earlswood, Maryland, USA.

Collector: F. J. Myers, May 3, 1926.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

This specimen not from published type locality.

Notholca quadraspinata Myers, 1936c: 432, pl. 53, fig. 9.

Syntype: AMNH 799 (1 specimen).

Locality: Frenchmans Bay, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, 1931.

Remarks: This specimen cannot be located in the collection. Now considered a synonym of *N. japonica japonica* (Marukawa, 1928) (Nogrady, personal commun.).

Notommata aethis Myers, 1933b: 4–6, fig. 2.

Paratype: AMNH 690 (1 specimen).

Locality: Witch Hole, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, 1930.

Remarks: Repository of holotype not cited.

Notommata angusta Harring and Myers, 1922: 580–582, pl. 52, figs. 9–12.

Syntype: AMNH 632 (1 specimen).

Locality: Brick Haven, Virginia, USA.

Collector: Unknown, 1914.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Notommata cherada Myers, 1938: 6–7, figs. 3, 5, 8, 17, 18, 21.

Syntypes: AMNH 952.1, 952.2 (2 specimens).

Locality: Bargaintown, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, April 4, 1937.

Remarks: This AMNH number published as type (=holotype), but two specimens exist with this number and data. An additional syntype (marked paratype) is ANSP RT301 (Spamer and Bogan, 1992: 54).

Notommata codonella Harring and Myers, 1924: 444–446, pl. 21, figs. 6–10.

Syntype: AMNH 556 (1 specimen).

Locality: Town Line Lake, Vilas Co., Wisconsin, USA.

Collector: F. J. Myers, Aug. 5, 1920.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Notommata diasema Myers, 1936a: 11–12, figs. 5, 9, 16.

Holotype: AMNH 777.

Locality: Lenape Lake, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Aug. 30, 1934.

Notommata falcinella Harring and Myers, 1922: 570–571, pl. 45, figs. 8–12.

Syntype: AMNH 384 (1 specimen).

Locality: Near Eagle River, Vilas Co., Wisconsin, USA.

Collector: F. J. Myers, Aug. 3, 1920.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

This specimen not from published type locality.

Notommata fasciola Myers, 1933b: 11–13, fig. 6.

Paratype: AMNH 479 (1 specimen).

Locality: Bargaintown, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, July 29, 1923.

Remarks: Repository of holotype not cited.

Notommata galena Harring and Myers, 1922: 574–576, pl. 46, figs. 1–4.

Syntype: AMNH 457 (1 specimen).

Locality: Mamie Lake, Vilas Co., Wisconsin, USA.

Collector: F. J. Myers, July 20, 1920.

Remarks: This specimen cannot be located in the collection.

Notommata parvida Myers, 1937: 6–7, figs. 1, 4, 7.

Paratypes: AMNH 876.1, 876.2 (2 specimens), 877 (1 specimen).

Locality: Lenape Lake, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, June 10, 1932.

Remarks: AMNH 876.1 and 876.2 not listed in publication. AMNH 877 cannot be located in the collection. Repository of holotype not cited. Additional paratypes are ANSP RT300 (Spamer and Bogan, 1992: 60).

Notommata peridia Harring and Myers, 1922: 576–578, pl. 48, figs. 1–5.

Syntype: AMNH 388 (1 specimen).

Locality: Wheeler Lake, Vilas Co., Wisconsin, USA.

Collector: F. J. Myers, Aug. 6, 1920.

Remarks: Additional syntypes (marked paratypes) are ANSP RT126 (Spamer and Bogan, 1992: 60).

Notommata pygmaea Harring and Myers, 1922: 593–594, pl. 56, figs. 5–8.

Syntypes: AMNH 500, 500A (each 1 specimen).

Locality: Near Egg Harbor (AMNH 500) and Lenape Lake (AMNH 500A), Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, July 25, 1921.

Remarks: AMNH 500 originally marked paratype, but no holotype designated in publication.

Notommata stitista Myers, 1937: 7–9, figs. 2, 5, 8.

Holotype: AMNH 873.

Locality: Caroga Lake, New York, USA.

Collector: F. J. Myers, Sept. 24, 1935.

Notommata telmata Harring and Myers, 1922: 584–586, pl. 49, figs. 1–4.

Syntype: AMNH 499 (1 specimen).

Locality: Gravelly Run, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Aug. 24, 1921.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Notommata tithasa Harring and Myers, 1924: 450–451, pl. 23, figs. 1–5.

Syntype: AMNH 517 (1 specimen).

Locality: Town Line Lake, Vilas Co., Wisconsin, USA.

Collector: F. J. Myers, Aug. 8, 1920.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Notommata trypeta Harring and Myers, 1922: 602–603, pl. 50, figs. 5–8.

Syntype: AMNH 555 (1 specimen).

Locality: Lac Vieux Desert, Vilas Co., Wisconsin, USA.

Collector: F. J. Myers, Sept. 12, 1917.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Notommata venusta Harring and Myers, 1922: 591–592, pl. 50, figs. 1–4.

Syntype: AMNH 483 (1 specimen).

Locality: Bargaintown, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Nov. 17, 1921.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Pleurotrocha altita Myers, 1940: 4–5, pl. 2, figs. 1, 2, 7, 8, 11, 16.

Paratype: AMNH 1115 (1 specimen).

Locality: Promised Land Lake, Pike Co., Pennsylvania, USA.

Collector: F. J. Myers, Aug. 15, 1939.

Remarks: Holotype was in ANSP (Myers, 1940: 2), but has subsequently been lost (Spamer and Bogan, 1992: 53).

Pleurotrocha atlantica Myers, 1936c: 428–429, pl. 53, figs. 1–4.

Syntypes: AMNH 828 (1 specimen), 844.1, 844.2 (2 specimens).

Locality: Mullica River, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, June 27, 1935.

Remarks: All specimens cited in publication as “holotype material,” but more than one specimen extant.

Pleurotrocha thura Myers, 1933c: 1–3, fig. 1.

Paratype: AMNH 663 (1 specimen).

Locality: May’s Landing, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Oct. 6, 1922.

Remarks: Repository of holotype not cited.

Ploesoma formosum Myers, 1934b: 4–7, figs. 2–4.

Paratype: AMNH 251 (1 specimen).

Locality: Gravelly Run, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Aug. 20, 1918.

Remarks: Repository of holotype not cited. An additional paratype is ANSP RT49 (Spamer and Bogan, 1992: 57).

Proales bemata Myers, 1933b: 21–22, fig. 12.

Paratype: AMNH 706 (1 specimen).

Locality: Witch Hole, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, July 11, 1930.

Remarks: Repository of holotype not cited.

Proales cognita Myers, 1940: 5–6, pl. 1, figs. 3, 4; pl. 2, figs. 6, 13, 14.

Paratypes: AMNH 1113, 1119 (each 1 specimen).

Locality: Pocono Lake, Monroe Co., Pennsylvania, USA.

Collector: F. J. Myers, July 7, 1939.

Remarks: Holotype is in ANSP (Myers, 1940:

- 2). The holotype may be ANSP RT180 referred to as a paratype by Spamer and Bogan, 1992: 55.
- Proales granulosa* Myers, 1933b: 19–21, fig. 11.
Paratype: AMNH 728 (1 specimen).
Locality: Witch Hole, Mount Desert Island, Maine, USA.
Collector: F. J. Myers, Aug. 23, 1930.
Remarks: Repository of holotype not cited.
- Proales longidactyla* Edmondson, 1948b: 150–152, figs. 8–13.
Holotype: AMNH 1203.
Locality: Douglas Lake, Michigan, USA.
Collector: J. K. Neel, July 14, 1942.
- Proales palimmeka* Myers, 1940: 6–7, pl. 1, figs. 6, 7; pl. 2, figs. 15, 17, 19.
Paratype: AMNH 1114 (1 specimen).
Locality: Promised Land Lake, Pike Co., Pennsylvania, USA.
Collector: F. J. Myers, Aug. 15, 1939.
Remarks: Holotype is in ANSP (Myers, 1940: 2). The holotype may be ANSP RT843 referred to as a paratype by Spamer and Bogan, 1992: 60.
- Proales segnis* Myers, 1938: 3–5, figs. 1, 4, 7, 11, 12, 15, 16.
Holotype: AMNH 918.
Locality: Parvin State Park, Cumberland Co., New Jersey, USA.
Collector: F. J. Myers, Sept. 3, 1936.
- Proalinopsis gracilis* Myers, 1993c: 11–13, fig. 7.
Paratype: AMNH 661 (1 specimen).
Locality: Witch Hole, Mount Desert Island, Maine, USA.
Collector: F. J. Myers, Aug. 20, 1930.
Remarks: Repository of holotype not cited.
- Proalinopsis selene* Myers, 1933c: 14–16, fig. 9.
Paratype: AMNH 658 (1 specimen).
Locality: Faun Pond, Mount Desert Island, Maine, USA.
Collector: F. J. Myers, July 14, 1927.
Remarks: Repository of holotype not cited.
- Proalinopsis staurus* Harring and Myers, 1924: 439–440, pl. 20, figs. 5–9.
Syntype: AMNH 32 (1 specimen).
Locality: Oceanville, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, July 7, 1924.
Remarks: Slide originally marked paratype, but no holotype designated in publication.
- Ptygura agassizi* Edmondson, 1948a: 264–266, figs. 1–9.
Holotype: AMNH 1204.
Locality: South Pond, Pekinese Island, Massachusetts, USA.
Collector: Unknown, Aug. 17, 1947.
- Ptygura beauchampi* Edmondson, 1940: 443–444, figs. 29–32.
Holotype: AMNH 1110.
Locality: Little Spider Lake, Wisconsin, USA.
Collector: F. J. Myers, July 7, 1939.
- Ptygura libera* Myers, 1934c: 231–232, fig. 1.
Syntypes: AMNH 193, 656 (each 1 specimen).
Locality: Fowler Lake, Vilas Co., Wisconsin, USA.
Collector: F. J. Myers, Aug. 1916 (AMNH 193) and July 14, 1921 (AMNH 656).
Remarks: Both slides originally marked paratype, but no holotype designated in publication. AMNH 193 is not from date of collection given in publication.
- Ptygura tacita* Edmondson, 1940: 449–450, figs. 26–28.
Holotype: AMNH 1108.
Locality: Three Grass Lake, Wisconsin, USA.
Collector: F. J. Myers, Aug. 6, 1939.
- Resticula anceps* Harring and Myers, 1924: 519–520, pl. 38, figs. 5–8.
Syntype: AMNH 561 (1 specimen).
Locality: Gravelly Run, Atlantic Co., New Jersey, USA.
Collector: F. J. Myers, April 26, 1921.
Remarks: Slide originally marked paratype, but no holotype designated in publication. This specimen not from published type locality.
- Resticula nyssa* Harring and Myers, 1924: 521–522, pl. 38, figs. 1–4.
Syntype: AMNH 505 (1 specimen).
Locality: Witch Hole, Mount Desert Island, Maine, USA.
Collector: F. J. Myers, July 24, 1923.
Remarks: This specimen not from published type locality.

Squatinnella retrospina Myers, 1938: 11, fig. 27.

Holotype: AMNH 501.

Locality: Bargaintown, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, July 29, 1923.

Testudinella angulata Myers, 1934e: 1–2, figs. 1, 2.

Holotype: AMNH 390.

Locality: Wheeler Lake, Vilas Co., Wisconsin, USA.

Collector: F. J. Myers, Aug. 17, 1920.

Testudinella armiger Myers, 1942: 281, pl. 25, figs. 4, 7.

Paratype: AMNH 1191 (1 specimen).

Locality: Promised Land Lake, Pike Co., Pennsylvania, USA.

Collector: F. J. Myers, Aug. 15, 1940.

Remarks: Holotype is said to be in ANSP (Myers, 1942: 275), but only paratypes ANSP RT966 are listed by Spamer and Bogan, 1992: 53.

Testudinella dentata Myers 1934e: 3, figs. 7, 8. Holotype: AMNH 140.

Locality: Near Thomas Cove, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, Oct. 7, 1931.

Testudinella dicella Myers, 1934e: 5–6, figs. 11, 12.

Holotype: AMNH 261.

Locality: Eagle Lake, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, July 10, 1927.

Testudinella epicopta Myers, 1934e: 2–3, figs. 5, 6.

Holotype: AMNH 455.

Paratype: AMNH 455A (1 specimen).

Locality: Witch Hole, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, Aug. 10, 1930.

Remarks: AMNH 455A not listed in publication.

Testudinella insinuata Hauer, 1938: 558–559, fig. 82.

Syntype: AMNH 900 (1 specimen).

Locality: Tjiliwong, Java, Indonesia.

Collector: Sunda Expedition, Aug. 22, 1935.

Remarks: Slide originally marked paratype, but no holotype designated in publication. An additional syntype (marked paratype)

is ANSP RT513 (Spamer and Bogan, 1992: 57–58).

Testudinella ovata Myers, 1934e: 5, figs. 9, 10.

Holotype: AMNH 739.

Locality: Pond Heath, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, Aug. 11, 1931.

Testudinella triangularis Myers, 1934e: 2, figs. 3, 4.

Holotype: AMNH 435.

Locality: Manset, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, July 3, 1930.

Remarks: Holotype mislabeled in publication as AMNH 760.

Tetramastix opoliensis var. *brevispina* Ahlstrom, 1931: 250, fig. 7.

Syntype: AMNH 708 (1 specimen).

Locality: Rio Santiago, Durango Province, Mexico.

Collector: E. H. Ahlstrom, March–April 1932.

Remarks: Slide originally marked paratype, but no holotype designated in publication.

Trichocerca ornata Myers, 1934b: 10–12, fig. 7.

Paratype: AMNH 484 (1 specimen).

Locality: Lake Wood, Mount Desert Island, Maine, USA.

Collector: F. J. Myers, July 26, 1928.

Remarks: Repository of holotype not cited.

Trichocerca plaka Myers, 1938: 7–9, figs. 30, 31, 33.

Holotype: AMNH 954.

Locality: Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, April 2, 1937.

Trichocerca platessa Myers, 1934b: 7–10, figs. 5, 6.

Paratype: AMNH 701 (1 specimen).

Locality: May's Landing, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, July 10, 1932.

Remarks: Repository of holotype not cited.

Trichocerca rotundata Myers, 1937: 13–14, figs. 13, 16, 20.

Paratypes: AMNH 446, 446B, 871 (each 1 specimen).

Locality: Oceanville, Atlantic Co. (AMNH 446) and Union Lake, Millville, Cumber-

land Co. (AMNH 446B and 871), New Jersey, USA.

Collector: F. J. Myers, July 12, 1918 (AMNH 446) and April 29, 1936 (AMNH 446B and 871).

Remarks: Repository of holotype not cited. AMNH 446B and 871 not listed in publication. An additional paratype is ANSP RT255 (Spamer and Bogan, 1992: 61).

Trichotria cornuta Myers, 1938: 11–12, figs. 25, 28.

Holotype: AMNH 512.

Locality: Gravelly Run, Atlantic Co., New Jersey, USA.

Collector: F. J. Myers, Oct. 9, 1922.

Remarks: A paratype is ANSP RT220 (Spamer and Bogan, 1992: 55).

PHYLUM TARDIGRADA

CLASS HETEROTARDIGRADA

Parechiniscus armadilloides Schuster, 1975: 333–336, figs. 1, 2.

Paratypes: AMNH 395A.1, 395A.2 (each 1 specimen).

Locality: Logan Canyon near Logan, Cache Co., Utah, USA.

Collector: D. R. Miller and A. S. Menke, April 5, 1973.

Remarks: The holotype and other paratypes are in the Department of Entomology, UC Davis.

Tanarctus arborspinosus Lindgren, 1971: 484–488, pl. 1; text fig. 2.

Holotype: AMNH 1.

Paratypes: AMNH 2.1–2.5 (5 specimens).

Locality: Iron Steamer Pier Beach, Bogue Bank, North Carolina, USA.

Collector: E. W. Lindgren, March 11, 1970.

CLASS EUTARDIGRADA

Isohypsibius saltursus Schuster, Toftner, and Grigarick, 1977: 126, figs. 16, 17, 25, 27, 29.

Paratypes: AMNH 395.1–395.4 (4 specimens), 396.1, 396.2 (2 specimens).

Locality: Pope Beach, Lake Tahoe, El Dorado Co., California, USA.

Collector: Schuster, Toftner, and Grigarick, Nov. 7, 1975 (AMNH 395) and April 21, 1976 (AMNH 396).

Remarks: The holotype and other paratypes are in the Department of Entomology, UC Davis.

Macrobiotus grandipes Schuster, Toftner, and Grigarick, 1977: 118–124, figs. 5, 6, 20, 22–24, 28.

Paratypes: AMNH 393.1–393.4 (4 specimens), 394.1, 394.2 (2 specimens).

Locality: Pope Beach, Lake Tahoe, El Dorado Co., California, USA.

Collector: Schuster, Toftner, and Grigarick, Oct. 10, 1975 (AMNH 393) and Nov. 12, 1976 (AMNH 394).

Remarks: The holotype and other paratypes are in the Department of Entomology, UC Davis.

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